

## Appendix B

### PUNCH CARDS AND SUMMARY OUTLINE OF TABULATIONS

#### CENSUS OF POPULATION: 1950

The basic tabulations for the Population Census using the "P" card consisted of 5 series of tabulations: B, C, D, W, and Z. In addition, data on the number and distribution of the population for small areas were transcribed from the first count of Series B to provide data for the series P-A bulletins. Each series of tabulations is outlined below, listing the cards used, the areas for which the data were tabulated, the sort groups, subject headings, number of tabulation machine counters used, and the items tabulated.

Series B tabulations consisted of 5 counts which provided data on the general characteristics of the population for small areas. Data were tabulated for such characteristics as age, race, sex, marital status, and employment status with limited information on income, migration, and occupation. All the counts were tabulated on a 100-percent basis except for count 4 which was tabulated only for the 20-percent sample.

Series C consisted of 9 tabulations which provided data on the detailed characteristics of the population for each city of 100,000 or more, each standard metropolitan area of 100,000 or more, and for each balance of State. This program consisted basically of three sets of counts: Counts A-1 and A-2, which provided information on income in cross-classification with other characteristics; counts B-1 through B-5, which provided data on age cross-classified with other characteristics; and counts C-1 and C-2, which provided information on occupation and on industry cross-classified with other characteristics. In addition, data were provided on occupation and industry by sex for cities of 50,000 to 100,000 population. The A and B counts were based on a reproduced set of P-cards for persons in the 20-percent sample, whereas the C counts were based on a 100-percent tabulation of the P-cards.

Series D tabulations consisted of 17 counts based on a 3 1/3-percent sample of the P-cards. The cards for this series were selected and duplicated during the 20-percent age and income tabulations (Series C). These counts show detailed cross-classification of characteristics generally at the United States level, but with some data for regions.

Series W consisted of 13 tabulations which were made to provide special reports for various groups in the population: Institutional population; nativity and parentage of the foreign white stock; State of birth for the native population; Puerto Ricans in the Continental United States; white persons of Spanish surname; nonwhite population by race. The data for the 2 counts for the institutional population and the 4 counts for the nonwhite tabulations were tabulated on a 100-percent basis. All other counts in this series, however, were tabulated on a 20-percent basis.

Series Z consisted of 7 tabulations of all cards from the 20-percent sample except cards for those persons who either were under 1 year of age or had lived in the same house in both 1949 and 1950. Selected social, demographic, and economic characteristics of persons who had moved were tabulated for various types of mobility status.

Fertility Tabulations: Three tabulations were made, using funds from the Scripps Foundation for Research in Population Problems and from the Milbank Memorial Fund. These provided information on women by number of children ever born and by number of children under 5 years old, by selected social, demographic, and economic characteristics of the woman and her family. (Further tabulations may be made in the future, also on a reimbursable basis. These would provide data on the spacing of births or on cumulative birth rates.)

Family Tabulations: The first count of the series of "F" (Family) card tabulations, done on the Univac, is shown.

Summary Card Tabulation Program: Summary cards were obtained from Counts 2, 3A, 3B, 4, and 5 of Series B for 44 States and the District of Columbia. Since the Univac was used to obtain the Series B tables for Alabama, Iowa, Louisiana, and Virginia, no Series B summary cards were obtained for these 4 States. Summary cards were punched from all counts in Series C, but none were obtained from the Series D, W, and Z counts.

Summary cards are 80-column punch cards, having usually 15 four-column fields per card utilized for summary data entries with the remaining columns used for area and sort group identification. Area identifications included inside or outside standard metropolitan area, inside or outside urbanized area, size of place, and State economic area. Summary cards for each census tract included the following additional area identification - each untraced urban place, remainder of each urban fringe by county, rural-farm and rural-nonfarm remainder of each county.

In general, tabulations of the summary cards were made only for data required for publication. The tabulations were planned so as to yield the published material with a minimum number of summary card-passes.

Summary cards were obtained for each area and sort group in a given count. Thus, in Series B, Count 2, summary cards were punched for each sex and color sort group, for each tract, urban place, urban fringe area, rural-farm and rural-nonfarm balance of each county. The cards were tabulated only where data were required for the Series B or the Census Tract Bulletins, in the following "Stages":

Stage 1 - County.

Stage 2 - Counties containing areas whose urban-rural classification was changed due to the change in the definition of "urban" in the 1950 Census.

Stage 3 - State tabulation based on the change in the urban-rural definition.

Stage 4 - Urban places, rural-farm, and rural-nonfarm parts of counties.

Stage 5 - States, by 3-way residence (urban, rural nonfarm, rural farm).

Stage 6 - Census tracts.

Stage 7 - States by urbanized areas.

Stage 8 - States by standard metropolitan areas.

Series C summary card tabulations were made only for data required for publication in Series C, for the following areas:

1. States.
2. States by 3-way residence.
3. Standard metropolitan areas of 100,000 inhabitants or more.
4. Cities of 100,000 inhabitants or more.
5. Cities of 50,000 to 100,000 inhabitants.

However, occupation and industry summary cards were prepared for State totals only.

Publication Program: The Series A tabulations provided data for Volume I, Number of Inhabitants (Series P-A bulletin preprints), and Chapters A of Volume II, General Characteristics of the Population, in which the information given for the State in the first volume is repeated. The Series B tabulations yielded data for Volume II, Chapters B, General Characteristics, (series P-B bulletin preprints) and population statistics for Volume III, Census Tract Bulletins (series P-D bulletins). The Series C tabulations provided detailed characteristics of the population for the larger areas of the nation which were presented in Chapters C of Volume II, Detailed Characteristics (series P-C bulletin preprints). The series D, W, and Z tabulations provided data for Volume IV, Special Reports (series P-E bulletins), among which are Employment Characteristics, Institutional Population, Mobility of the Population, Education, and others.

The information concerning persons and families enumerated on the P-1 questionnaire was transferred to three types of punch cards. The basic population card, designated by the letter "P," was punched for each person enumerated in the 1950 Census of Population. The "P" cards were tabulated in several series yielding counts of number of inhabitants, general and detailed characteristics of the population, and special reports based on sample data. The two other basic card types were the "F"- Family Card and the "C"- Fertility Card. Family and fertility characteristics

of persons enumerated on the last sample line of the population schedule were consolidated with other needed information shown elsewhere on the schedule by transcribing the data on separate sheets. Part of the information punched on the "F" and "C" cards was derived from these transcription sheets and the remainder was obtained by matching and reproducing from the corresponding "P-H" cards (see Punch Cards - Census of Housing) for family data and from individual "P" cards for fertility data.

AREA IDENTIFICATION										SHEET NUMBER		LINE NUMBER		SERIAL NUMBER		1949 RES.		1949 INCOME		MILITARY SERVICE		17TH DECENNIAL CENSUS - POPULATION																																																									
STATE	METRO/NON METRO AREA	COUNTY	URBAN AREA	CITY, TRACT OR WARD, AND E. D.	DWELLING UNIT	SUPPLEMENTAL	PERSONS IN FAMILY	TYPE OF FAMILY	HEAD OF HOUSEHOLD	AGE	SEX	RACE	CITIZENSHIP	STATUS	WORKING	WITH JOB OR BUS.	HOURS WORKED	OCC.	IND.	1949 RES.	MIGRATION STATUS	NATIVITY	COUNTRY OF BIRTH	SCHOOL GRADE	ATTENDED	COMPLETED	WEEKS WORKED	WEEKS WORKED LAST YEAR	WAGE OR SALARY	EMPLOYED	OTHER	TOTAL FAMILY	TOTAL INCOME	W. WAR I	W. WAR II	OTHER	SHIP STATUS	17TH DECENNIAL CENSUS - POPULATION																																									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

IBM 787932

**P-Persons Card:** The basic population card, "P," served as the unit record of statistical information relating to the marital status, citizenship, employment, sex, race, age, education, military service, income, and farm residence of the population. This card included both the data collected on a 100-percent basis and also the data collected on a 20 percent sample basis. Approximately 151,000,000 "P" cards were punched for the 1950 Census of Population.

AREA IDENTIFICATION										SHEET NUMBER		LINE NUMBER		SERIAL NUMBER		1949 RES.		1949 INCOME		MILITARY SERVICE		17TH DECENNIAL CENSUS - POPULATION																																																									
STATE	METRO/NON METRO AREA	COUNTY	URBAN AREA	CITY, TRACT OR WARD, AND E. D.	DWELLING UNIT	SUPPLEMENTAL	PERSONS IN FAMILY	TYPE OF FAMILY	HEAD OF HOUSEHOLD	AGE	SEX	RACE	CITIZENSHIP	STATUS	WORKING	WITH JOB OR BUS.	HOURS WORKED	OCC.	IND.	1949 RES.	MIGRATION STATUS	NATIVITY	COUNTRY OF BIRTH	SCHOOL GRADE	ATTENDED	COMPLETED	WEEKS WORKED	WEEKS WORKED LAST YEAR	WAGE OR SALARY	EMPLOYED	OTHER	TOTAL FAMILY	TOTAL INCOME	W. WAR I	W. WAR II	OTHER	SHIP STATUS	17TH DECENNIAL CENSUS - POPULATION																																									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

IBM 804854

**F-Family Card:** This card was designed to record information pertaining to the head of the household and his family. The data recorded included the characteristics of the person selected, the family composition, family income, characteristics of spouse of head of family, age at marriage, difference of age of spouse, and characteristics of dwelling unit. A 3 1/3-percent sample was established for the "F" card file. However, as an economy measure, the transcribed sample was reduced in selected areas. Approximately 1,216,000 F cards were punched.

AREA IDENTIFICATION															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
STATE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
METRO/NON METRO AREA															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
COUNTY															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
URBANIZED AREA															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
CITY, TRACT OR WARD AND E. D.															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
U-R 1940 DEFINITION															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
SHEET NUMBER															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
LINE NUMBER															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
SUPPLEMENTATION															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
MAR MORE THAN ONCE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
YEARS IN PRESENT															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
MARITAL STATUS															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
CHILDREN															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
EVER-BORNE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
AGE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
NATIVITY															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
TEMP STATUS															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
OCCUPATION															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
CLASS OF WORKER															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
UNDER 5 YRS															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
UNDER 1 YR															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
1															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
2															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
3															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
4															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
5															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
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7															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
8															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
FARM RES															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
RELATIONSHIP															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
RACE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
AGE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
MARITAL STATUS															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
NATIVITY															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
EMP STATUS															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
MIGRATION															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
ATTENDED															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
SCHOOL															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
GRADE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
AGE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
NET SUCCESSIVE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
OWN CHILDREN															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
BET. 1-2															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
BET. 2-3															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
BET. 3-4															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
BET. 4-5															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
BET. 5-6															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
BET. 6-7															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
BET. 7-8															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														
AREA RECODE															HUSBAND															BLOOD CHILDREN IN HOUSEHOLD															WOMAN															RECODE														

C-Fertility Card: This card was designed to record information pertaining to females 14 years of age and over who were either married, widowed, divorced, or separated at the time of the enumeration. The data recorded on the card included general characteristics of the "ever married" female as well as the general characteristics of the husband, the age-relationship of the husband and wife, the age and number of children, and the spacing by years of the children. The "C" card file was selected to represent a 3 1/3-percent sample of the "ever married" families of 14 years of age and over. However, as an economy measure, the sample was reduced in selected areas so that transcriptions were prepared for only about 1,000,000 women. The punch cards for selected transcriptions were duplicated so that the set of cards represents a full 3 1/3-percent sample.

SERIES B: Count 1

Cards Used: All P cards

Areas: Enumeration district within minor civil division

Sort: None

Items Tabulated:

Total persons (1)  
Sex, race, and nativity (8)

Male, female:

Native white, foreign-born white  
Negro  
Other races

Farm population by sex (2)

Male farm residents, female farm residents

Sex by age of all persons (18); of non-farm persons (16)

Male, female:

Under 5 years, 5-14, 15-20, 20-24  
(15-24 for nonfarm), 25-34, 35-44,  
45-54, 55-64, 65 years and over

Sample bias control totals (8)

Heads of household 14 years of age and over:

Total

Nonsample: White and nonfarm, non-white or farm

Sample

Nonheads 14 years and over, persons under 14 years:

Nonsample, sample

Only for California, Arizona, Colorado, New Mexico, and Texas:

Spanish white, birthplace, and citizenship (7)

Non-Spanish white

Spanish white:

Native

Foreign-born:

Naturalized, alien, citizenship not reported, born in Mexico, born in other foreign countries

Only for New York State:

Citizenship of all persons (2)

Native or naturalized, alien or citizenship not reported

Puerto Ricans (5)

Native:

Born in Puerto Rico: White, non-white

Not born in Puerto Rico, sample persons whose parents were born in Puerto Rico: White, nonwhite

All others

SERIES B: Count 2

Cards Used: All P cards

Areas:

Each census tract  
Each untraced urban place of 2,500 or more  
Remainder of each urban fringe by county  
Rural nonfarm balance of each county  
Rural farm balance of each county

Sort:

Sex, white, nonwhite  
For 5 southwestern States only: Sex, white Spanish surname, white other, nonwhite

Items Tabulated:

Total persons (1)  
Age (26)

Under 1 year, 1-2, 3-4, 5, 6, 7-9, 10-13, 14, 15, 16-17, 18-19, 20, 21-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75-84, 85 years and over; 21 years and over (sample data) (3)

Veteran status of males 14 years and over (sample data) (3)  
Veteran of World War II, other veteran, all other persons

Grade completed of sample persons 25 years and over (11)

No school completed, 1-4 years of school completed, 5-6 years, 7, 8, 9-11, 12 years, 1-3 years of college completed, 4 or more years of college, grade not reported

All other persons

Type of household (4)  
Regular households: Heads, nonheads  
Quasi households: All persons except inmates, inmates

Race and nativity (2)

Native white, also Negro

Foreign-born white, also other races

Marital status (3)

Never married, married or separated, widowed or divorced

## Employment status (9)

Employed, unemployed, armed forces, keeping house, unable to work, inmate  
Other and not reported:  
14-19 years, 20-64, 65 and over  
Age 21 and over (1) (for zero balance)SERIES B: Count 3A

Cards Used: P cards for employed

Areas:

Each census tract  
Each untraced urban place of 2,500 or more  
Remainder of each urban fringe by county  
Rural nonfarm balance of each county  
Rural farm balance of each county

Sort:

Sex, white and nonwhite for South and tracts in North and West containing 250 or more nonwhites which are in tracted areas having 10,000 or more nonwhites

Items Tabulated:

Total employed (1)

Major occupation group (13)

Professional, technical, and kindred workers

Farmers and farm managers

Managers, officials, and proprietors, except farm

Clerical and kindred workers

Sales workers

Craftsmen, foremen, and kindred workers

Operatives and kindred workers

Private household workers

Service workers, except private household

Farm laborers, unpaid family workers

Farm laborers, except unpaid, and farm foremen

Laborers, except farm and mine

Occupation not reported

Class of worker (4)

Private wage and salary workers

Government workers

Self-employed workers

Unpaid family workers

Industry (42)

Agriculture

Forestry and fisheries

Mining

Construction

Railroads and railway express service

Trucking service and warehousing

Other transportation

Telecommunications

Utilities and sanitary services

Wholesale trade

Food and dairy products stores and milk retailing

Eating and drinking places

Other retail trade

Finance, insurance, and real estate

Business services

Repair services

Private households

Hotels and lodging places

Other personal services

Entertainment and recreation services

Medical and other health services

Educational services: Government, private

Professional and related services, except education and health

Public administration

Industry not reported

Manufacturing:

Total manufacturing

Furniture and lumber and wood products

Primary metal industries

Fabricated metal industries (including not specified metal)

Machinery, except electrical

Electrical machinery, equipment, and supplies

Motor vehicles and motor vehicle equipment

Transportation equipment, except motor vehicles

Other durable goods

Food and kindred products

Textile mill products

Apparel and other fabricated textile products

Printing, publishing, and allied industries

Chemicals and allied products

Other nondurable goods

Not specified manufacturing industries

SERIES B: Count 3B

Cards Used: P cards for unemployed

Areas:

Each census tract  
Each untraced urban place of 2,500 or more  
Remainder of each urban fringe by county  
Rural nonfarm balance of each county  
Rural farm balance of each county

Sort: None

Items Tabulated:

Total unemployed (1)

Previous work experience by sex (4)

Male, female:

New workers, experienced workers

Major occupation group by sex (24)

Male, female:

Professional, technical, and kindred workers

Farmers and farm managers

Managers, officials, proprietors, except farm

Clerical and kindred workers

Sales workers

Craftsmen, foremen, and kindred workers

Operatives and kindred workers

Private household workers

Service workers except private household

Farm laborers and foremen

Laborers except farm and mine

Occupation not reported

Total unemployed (1) (for zero balance)

Duration of unemployment for sample persons, by sex (17)

Male, female:

Under 4 weeks, 4-6 weeks, 7-10, 11-14, 15-20, 21-26, 27 or more, weeks not reported

Nonsample persons

Major industry group (13)

Agriculture, forestry, and fisheries

Mining

Construction

Manufacturing

Transportation, communications, utilities

Wholesale and retail trade

Finance, insurance, and real estate

Business and repair services

Personal services

Entertainment and recreation services

Professional and related services

Public administration

Industry not reported

SERIES B: Count 4

Cards Used: 20-percent sample P cards

Areas:

Each census tract  
Each untraced urban place of 2,500 or more  
Remainder of each urban fringe by county  
Rural nonfarm balance of each county  
Rural farm balance of each county

Sort:

White, nonwhite for South, and for tracts in North and West containing 250 or more nonwhites which are in tracted areas having 10,000 or more nonwhites

Items Tabulated:

Total persons (1)

Married couples, 14 years of age and over (5)

Males, married spouse present:

Head of household

Not head of household

Males, married spouse absent or separated

Males, other marital status

Males under 14, and females

Migration status, 1 year of age and over (5)

Residence one year prior to Census date:

Same house as a year ago

Different house, same county

Different county or abroad

Residence a year ago not reported

Persons under 1 year of age

Number of families and individuals 14+ years (3)

Family heads

Unrelated individuals

All other persons plus persons under 14 years

## School enrollment, persons 5-29 years of age (16)

Under 5 or over 29 years

5-6 years: Attending kindergarten, attending school, not attending school

7-13 years: Attending school, not attending

14-15 years: Attending school, not attending

16-17 years: Attending school, not attending

18-19 years: Attending school, not attending

20-24 years: Attending school, not attending

25-29 years: Attending school, not attending

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Family income (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported

Income of families and unrelated individuals (15)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,

**SERIES C: Count A-1**  
(Income Tables)

Cards Used: 20-percent sample P cards, persons 14 years old and over

## Areas:

Each city of 100,000 or more  
Each balance of standard metropolitan area of 100,000 or more outside of cities of 100,000 or more: Urban and rural nonfarm, rural farm  
Each balance of State outside standard metropolitan areas of 100,000 or more: Urban and rural nonfarm, rural farm

## Sort:

Sex, Total individual income (16 groups):  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, income not reported

## Items Tabulated:

Total persons (1)  
Age - all persons (7) - nonwhite (7)  
14-19 years, 20-24, 25-34, 35-44, 45-54, 55-64, 65 years and over  
White persons (1)  
Residence by age (4)  
Urban: 14-29 years, 30 years or over  
Rural: 14-29 years, 30 years or over  
Family status, all persons (7)  
In family: (sex classification in sort)  
If male group:  
Head, married, wife present  
Head, other marital status  
If female group:  
Head  
Wife  
Relative of head: 14-19 years, 20-64, 65 and over  
Unrelated individual  
Inmate

## Family status, nonwhite (3)

In family:  
Head  
Relative of head  
Unrelated individual or inmate  
Cities of 50,000-100,000 (income by sex in characteristic sort) (5)  
First city in tabulating area  
Second city in tabulating area  
Third city in tabulating area  
Fourth city in tabulating area  
Balance outside cities 50,000-100,000 (residue)  
Class of worker of experienced civilian labor force, all persons (4), nonwhite (4)  
Private wage and salary workers  
Government workers  
Self-employed workers  
Unpaid family workers  
Not in experienced civilian labor force (3)  
Armed forces (residue)  
New workers or not in the labor force (residue)  
Nonwhite, not in experienced civilian labor force (includes armed forces and new workers) (residue)  
Weeks worked in 1949, all persons (7), nonwhite (7)  
Did not work in 1949, worked 1-13 weeks, 14-26, 27-39, 40-49, 50-52, weeks not reported

**SERIES C: Count A-2**  
(Income Tables)

## Cards Used:

20-percent sample P cards, persons 14 years of age and over with income (i.e., "No income" cards were omitted from this count)

## Areas:

Each city of 100,000 or more  
Each balance of standard metropolitan area of 100,000 or more outside of cities of 100,000 or more: Urban and rural nonfarm, rural farm  
Each balance of State outside standard metropolitan areas of 100,000 or more: Urban and rural nonfarm, rural farm

## Sort:

Sex, total individual income (15 groups):  
Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, income not reported

## Items Tabulated:

Total persons (1)  
Type of income, all persons (7), nonwhite (7)  
Wages or salary only  
Self-employment income only  
Wages or salary and self-employment income  
Wages or salary and other income  
Self-employment and other income  
Wages or salary, self-employment, and other income  
Other income only  
Wage or salary income, experienced labor force (including armed forces) (15)  
No income, under \$100, \$100-\$399, \$400-\$799, \$800-\$1,199, \$1,200-\$1,599, \$1,600-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, not reported  
New workers and not in labor force (1) (residue)  
Race (3)  
White  
Negro  
Other  
Residence (4)  
All persons: urban, rural  
Nonwhite: urban, rural  
Residence by age (4)  
Urban: 14-29 years, 30 or more years  
Rural: 14-29 years, 30 or more years

**SERIES C: Count B-1**  
(Age Tables)

Cards Used: 20-percent sample P cards, persons 0-13 years of age

## Areas:

Each city of 100,000 or more  
Each balance of standard metropolitan area of 100,000 or more outside of cities of 100,000 or more  
Each balance of State outside cities of 100,000 or more: Urban, rural nonfarm, rural farm

## Sort:

Sex, color (available for all tabulated areas, except SMA's containing less than 50,000 nonwhite persons). Age: 0-4 years, by single years of age for persons 5-13 years

## Items Tabulated:

Total persons (1)  
Single years of age by nativity, persons 0-4 years of age (10)<sup>1</sup>  
Native, foreign-born  
Under 1 year, 1 year, 2 years, 3 years, 4 years  
Grade attending, persons 5-13 years (by single years) (14)<sup>1</sup>  
Attending kindergarten, attending grade 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, grade not reported, not attending  
Relationship to head (7)  
Child, grandchild, other relative, resident employee, other nonrelative, member quasi-household, inmate  
Residence (3)  
Urban, rural nonfarm, rural farm  
Race and nativity (4)  
Native white, foreign-born white, Negro, other races  
Parentage and citizenship (7)  
Native white: native parents, foreign parents, mixed parents  
Native nonwhite  
Foreign-born: naturalized, alien, citizenship not reported  
Grade completed (13)  
None, kindergarten, grade 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, not reported  
Under 5 years of age (1)

**SERIES C: Count B-2**  
(Age Tables)

Cards Used: 20-percent sample P cards, persons 14-29 years of age

## Areas:

Each city of 100,000 or more  
Each balance of standard metropolitan area of 100,000 or more outside of cities of 100,000 or more  
Each balance of State outside cities of 100,000 or more: Urban, rural nonfarm, rural farm

Sort: Sex, age: 14, 15, 16-17, 18-19, 20, 21-24, 25-29

## Items Tabulated:

Total persons (1)  
Employment status and hours worked, all persons (11)  
Employed, at work: Less than 15 hours, 15-34, 35 or more, hours not reported  
Employed: With a job but not at work  
Unemployed, armed forces, keeping house, unable to work, inmate, other or not reported  
Employment status, nonwhite persons (8)  
Employed: At work, with a job but not at work  
Unemployed, armed forces, keeping house, unable to work, inmate, other or not reported  
Parentage and citizenship (10)  
Native white: native parents, foreign parents, mixed parents  
Native nonwhite  
Foreign-born white: naturalized, alien, citizenship not reported  
Foreign-born nonwhite: naturalized, alien, citizenship not reported  
Employment status and hours worked by school enrollment, all persons (8)  
Enrolled:  
Employed: With a job but not at work  
Employed, at work: less than 15 hours, 15-34, 35 or more, hours not reported  
Unemployed or armed forces, not in labor force, not enrolled  
Employment status by school enrollment, nonwhite persons (3)  
Enrolled: in the labor force, not in labor force  
Not enrolled  
Race (4)  
White, Negro, other races, total nonwhite  
Marital status of labor force - all persons (4), nonwhite persons (4)  
In the labor force: single, married (spouse present), all others  
Not in the labor force

**SERIES C: Count B-3**  
(Age Tables)

Cards Used: 20-percent sample P cards, persons 14-29 years of age

## Areas:

Each city of 100,000 or more  
Each balance of standard metropolitan area of 100,000 or more outside of cities of 100,000 or more  
Each balance of State outside cities of 100,000 or more: Urban, rural nonfarm, rural farm

## Sort:

Sex, single years of age, color (available for all tabulated areas, except SMA's containing less than 50,000 nonwhite persons)

## Items Tabulated:

Total persons (1)  
Highest year school attended (19)  
Attending: Grade 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, college 1st year, 2nd, 3rd, 4th, 5th year or higher, grade not reported  
Not attending  
Relationship (10)  
Head, wife, child, grandchild, other relative, other nonrelative, resident employee, head of quasi-household, other member of quasi-household, inmate

## Marital status and presence of spouse (7)

Married (spouse present):  
Head of household (if male) or wife (if female), nonhead  
Other married (spouse absent)  
Widowed, divorced, separated, single  
Grade completed (18)  
No years completed, grade 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, college 1st year, 2nd, 3rd, 4 years or more, grade not reported  
Employment status (4)  
Employed, unemployed, armed forces, not in labor force  
Nativity (2)  
Native, foreign-born

**SERIES C: Counts B-4 and B-5**  
(Age tables)

## Cards Used:

20-percent sample P cards, persons 30 years of age and over

## Areas:

Count B-4:  
Each balance of standard metropolitan area of 100,000 or more outside of cities of 100,000 or more  
Count B-5:  
Each city of 100,000 or more  
Each balance of State outside cities of 100,000 or more: Urban, rural nonfarm, rural farm

## Sort:

Sex, age: 5-year age groups for persons 30-39, 100 years or over, color (available for all areas, except SMA's with less than 50,000 nonwhites)

## Items Tabulated:

Total persons (1)  
Single years of age by nativity, persons 30 years of age and over (10)  
Native:  
Ages ending in 0 or 5, also 100 or over  
Ages ending in 1 or 6  
Ages ending in 2 or 7  
Ages ending in 3 or 8  
Ages ending in 4 or 9  
Foreign-born:  
Ages ending in 0 or 5, also 100 or over  
Ages ending in 1 or 6  
Ages ending in 2 or 7  
Ages ending in 3 or 8  
Ages ending in 4 or 9  
Marital status of labor force (4)  
In the labor force:  
Single, married (spouse present), all other  
Not in the labor force

## Relationship (10)

Head, wife, child, parent, other relative, resident employee, other nonrelative, head of quasi-household, other member of quasi-household, inmate

## Marital status and presence of spouse (7)

Married, spouse present:  
Head of household (if male) or wife (if female), nonhead  
Other married (spouse absent)  
Widowed, divorced, separated, single

## Employment status (7)

Employed: at work, with a job but not at work

## Unemployed

Armed forces  
Keeping house  
Unable to work

Other, inmate, or not reported

## Race, nativity and parentage (6)

## Native white:

Native parents, foreign parents, mixed parents

Foreign-born white

Negro, other nonwhite races

## For Cities and States Only:

Citizenship of foreign-born (3)  
Naturalized, alien, citizenship not reported

Total white (1) (balancing counter)

Native-born nonwhite (1) (balancing counter)

<sup>1</sup> These two distributions were tabulated in the same counters since age is a characteristic sort.

**SERIES C: Counts B-4 and B-5--Con.**  
 Items Tabulated--Con.  
 For Cities and States Only--Con.

Parentage of native white (white sort group only) (3)  
 Native parents, foreign parents, mixed parents  
 Total white (1) (balancing counter)  
 Race (nonwhite sort group only) (3)  
 Total native nonwhite (balancing counter)  
 Negro, other nonwhite  
 Grade completed (15)  
 No years completed, 1-2, 3-4, 5-6, 7, 8, 9, 10, 11, 12, college 1st year, 2nd, 3rd, 4 years or more, grade not reported

**SERIES C: Count C-1**  
 (Occupation Tables)

Cards Used: All P cards, experienced civilian labor force

Areas:  
 Each city of 100,000 or more  
 Each SMA of 100,000 or more  
 Balance of each SMA

Sort: Sex, detailed occupation (469 groups)

Items Tabulated:  
 Total persons (1)  
 Class of worker of employed (4)  
 Private wage and salary workers, government workers, self-employed workers, unpaid family workers  
 Race (2)  
 Negro, other nonwhite  
 Age of nonwhite employed (11), of all employed (11)  
 14-15 years, 16-17, 18-19, 20-24, 25-29, 30-34, 35-44, 45-54, 55-59, 60-64, 65 years and over  
 Individual income, sample persons (16)  
 No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$7,999, \$8,000-\$8,999, \$9,000-\$9,999, \$10,000 and over, income not reported  
 Persons not in sample (2) (residue)  
 Residence of employed (5), of unemployed (5)  
 Urban, not in city of 50,000-100,000  
 Rural nonfarm, rural farm  
 Cities of 50,000-100,000:  
 First city in tabulating area  
 Second city in tabulating area  
 Weeks worked in 1949, sample persons (3)  
 None and not reported, 1-49 weeks, 50-52

**SERIES C: Count C-2**  
 (Industry Table)

Cards Used: All P cards, experienced civilian labor force

Areas:  
 Each city of 100,000 or more  
 Each SMA of 100,000 or more  
 Balance of each SMA

Sort:  
 Sex, 95 industry sort groups including 77 intermediate industry groups, with additional arbitrary subdivisions in order to obtain tabulated data by 146 detailed industries

Items Tabulated:  
 Total persons (1)  
 Total employed (1)  
 Detailed industry of employed and of experienced unemployed (6)  
 Employed: Industry "A", "B", "C"  
 Unemployed: Industry "A", "B", "C"  
 Class of worker of employed (4)  
 Private wage and salary workers, government workers, self-employed workers, unpaid family workers  
 Weeks worked in 1949, sample persons (7)  
 None, 1-13 weeks, 14-26, 27-39, 40-49, 50-52, not reported

Cities of 50,000-100,000 (industry by sex in sort), employed (3)  
 Cities of 50,000-100,000:  
 First city in tabulating area  
 Second city in tabulating area  
 All other persons (residue)  
 Major occupation group (9)  
 Professional, technical, and kindred workers  
 Managers, officials, and proprietors (including farm)  
 Clerical and kindred workers  
 Sales workers  
 Craftsmen, foremen, and kindred workers  
 Operatives and kindred workers  
 Service workers (including private households)  
 Laborers, except mine  
 Occupation not reported  
 Individual income, sample persons (15)  
 No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$7,999, \$8,000-\$8,999, \$9,000-\$9,999, \$10,000 and over, income not reported  
 Age of employed (11)  
 14-15 years, 16-17, 18-19, 20-24, 25-29, 30-34, 35-44, 45-54, 55-59, 60-64, 65 years and over  
 Race of employed (3)  
 White, Negro, other nonwhite

**SERIES D: Count 1**  
 (Size of Place Report)

Cards Used: All 3 1/3-percent sample P cards

Areas:  
 17 area-size groups: central city, and balance of urbanized area, for each of the following-sized urbanized areas:  
 3,000,000 or more population  
 1,000,000 to 2,999,999  
 250,000 to 999,999  
 Under 250,000  
 Urban places outside of urbanized areas, by size of place:  
 25,000 or more population  
 10,000 to 24,999  
 2,500 to 9,999  
 Rural territory, by size of place:  
 Places 1,000 to 2,499 population  
 Incorporated places under 1,000  
 Other rural territory  
 Each of the four regions of the United States separately: Northeast, North Central, South, and West

Sort: Sex, color, age: under 14, 14-24, 25-44, 45-64, 65 years and over

Items Tabulated:  
 Total persons (1)  
 Migration status, persons 1 year of age and over (6)  
 Under 1 year of age  
 Residence one year prior to Census date:  
 Same house, different house (same county), different county (same State), different State, abroad or not reported  
 Farm residence a year ago, persons 1 year of age and over (3)  
 Farm, nonfarm, farm residence not reported  
 Age (2)  
 Under 5 years, 5-13, 14-19, 20-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75 years and over (major age groups are in characteristics sort, thus only 2 counters required)  
 Family status and relationship (8)  
 Regular household:  
 Member of primary family:  
 Head, wife, child, other relative  
 Primary individual  
 Nonrelative of household head  
 Member of quasi-household, except inmate  
 Inmate  
 Race and nativity (2)  
 Native white, also Negro  
 Foreign-born white, also other races  
 School grade completed (8)  
 Grades 0-4, 5-7, 8, 9-11, 12, college 1-3, 4 or more, not reported  
 Individual income (10)  
 No income, under \$500, \$500-\$999, \$1,000-\$1,999, \$2,000-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000-\$5,999, \$6,000 or more, not reported

Employment status, and major occupation of employed persons (14)  
 Employed:  
 Professional, technical, and kindred workers  
 Farmers and farm managers  
 Managers, officials, proprietors, except farm  
 Clerical workers  
 Sales workers  
 Craftsmen, foremen, and kindred workers  
 Operatives and kindred workers  
 Private household workers  
 Service workers exc. private household  
 Farm laborers and foremen  
 Laborers, except farm and mine  
 Occupation not reported  
 Unemployed, armed forces, not in labor force  
 Marital status (5)  
 Single, married, widowed, divorced, separated

**SERIES D: Count 2**  
 (Marital and Family Status Report)

Cards Used: All 3 1/3-percent sample P cards

Areas: United States: urban and rural nonfarm, rural farm

Sort:  
 Sex, color, age: under 5 years, 5-13, 14-17, 18-19, 20-24, 25-29, 30-34, 35-44, 45-54, 55-64, 65-74, 75 years and over  
 Marital status (for persons 14 years or more of age): single, married (spouse present), separated, married (spouse absent), widowed, divorced

Items Tabulated:  
 Total persons (1)  
 Family status, relationship, and individual income (33)  
 Secondary family member:  
 No income, under \$1,000, \$1,000-\$1,999, \$2,000 and over  
 Secondary individual:  
 No income, under \$1,000, \$1,000-\$1,999, \$2,000-\$2,999, \$3,000 and over  
 Primary family, head (for males), or wife (for females):  
 No income, under \$1,000, \$1,000-\$1,999, \$2,000-\$2,999, \$3,000-\$3,999, \$4,000 and over  
 Primary family, child:  
 No income, under \$1,000, \$1,000-\$1,999, \$2,000 and over  
 Primary family, grandchild or parent (depending on age sort group):  
 No income, under \$1,000, \$1,000-\$1,999, \$2,000 and over  
 Primary family, other relative:  
 No income, under \$1,000, \$1,000-\$1,999, \$2,000 and over  
 Primary individual:  
 No income, under \$1,000, \$1,000-\$1,999, \$2,000-\$2,999, \$3,000 and over  
 Inmates or income not reported

Family status and relationship (16)  
 In household, primary family member:  
 Head or wife, child, son- or daughter-in-law, grandchild or parent, other family member  
 In household, primary individual  
 In household, secondary family member-lodger:  
 Head or wife, other family member  
 In household, secondary family member-employee:  
 Head or wife, other family member  
 In household, secondary individual:  
 Lodger, employee  
 In quasi-household, secondary family member:  
 Head or wife, other family member  
 In quasi-household, secondary individual:  
 Single years of age (10)  
 Ages ending in: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9

**SERIES D: Count 3**  
 (Employment Status Report)

Cards Used:  
 3 1/3-percent sample P cards, persons 14 years of age and over

Areas: United States: urban, rural nonfarm, rural farm

Sort:  
 Sex, color, age: 14-17 years, 18-19, 20-24, 25-29, 30-34, 35-44, 45-54, 55-64, 65-74, 75 and over  
 Employment status: Employed, unemployed, armed forces, keeping house, unable to work, inmate, other, not reported

Items Tabulated:  
 Total persons (1)  
 Race and nativity (2)  
 Native white, also Negro  
 Foreign-born white, also other races  
 Weeks worked in 1949 (14)  
 All persons, persons married (spouse present):  
 Did not work in 1949, worked 1-13 weeks, 14-26, 27-39, 40-49, 50-52, weeks not reported  
 Residence by size of place (7)

In urbanized areas:  
 Urban places of 100,000 or more  
 Places of 50,000 to 99,999  
 Places of 25,000 to 49,999  
 Places of 2,500 to 24,999  
 Other urban  
 Not in urbanized areas:  
 Urban places of 25,000 or more  
 Places of 2,500 to 24,999  
 Rural places of 1,000 to 2,499  
 Other rural (only two counters needed for the last four groups because urban and rural are in the area sort)  
 Relationship and marital status (16)  
 In household:  
 Head:  
 Single, married (spouse present), also wife of head; married (spouse absent); widowed or divorced  
 Other relative of head:  
 Single, married (spouse present), married (spouse absent), widowed or divorced  
 Not relative of head:  
 Single, married (spouse present), married (spouse absent), widowed or divorced  
 In quasi-household:  
 Single, married (spouse present), married (spouse absent), widowed or divorced  
 Age and school attendance (10)  
 Age by single years, 30-79; attending school by single years, 14-29; not attending school by single years, 14-29  
 Hours worked, employed persons (10)  
 At work: 1-14 hours, 15-29, 30-34, 35-39, 40, 41-48, 49-59, 60 and over, hours not reported  
 With a job but not at work

**SERIES D: Count 4**  
 (Education Report)

Cards Used:  
 3 1/3-percent sample P cards for persons 14 years of age and over

Areas: North and West, South Region

Sort:  
 Sex, color, age: 14-15 years, 16-17, 18-19, 20-21, 22-24, 25-29, 30-34, 35-44, 45-54, 55-64, 65-74, 75 or more  
 Grade completed: none, 1-4, 5-7, 8, 9-11, 12, college 1-3, 4 or more, not reported

Items Tabulated:  
 Total persons (1)  
 Marital status (9)  
 Single  
 Married (spouse present):  
 Male, head; male, other; female, in labor force; female, not in labor force  
 Separated, other married (spouse absent), widowed, divorced  
 Control totals for sorting (1)  
 Residence (3)  
 Urban, rural nonfarm, rural farm

## SUMMARY OUTLINE OF TABULATIONS--CENSUS OF POPULATION: 1950--Con.

SERIES D: Count 4--Con.  
Items Tabulated--Con.

Migration status (4)  
Residence one year prior to Census date:  
Same house, different house (same county), different county (same State), abroad or not reported  
Race and nativity (4)  
White: Spanish surname, other  
Nonwhite: native, foreign-born  
Ethnic characteristics (8)  
Native white, native parents:  
Born in North or West  
Born in same region as region being tabulated  
Born in South  
Native white, foreign or mixed parents:  
Northern and western Europe  
Central and eastern Europe  
Southern Europe  
Other stock, and not reported  
Foreign-born white  
Following groups tabulated in same counties as last 6 groups because color is in characteristic sort:  
Native Negro, foreign-born Negro, Indian, Japanese, Chinese, other races  
Employment status, and major occupation of employed (16)

Employed:  
Professional, technical, and kindred workers  
Farmers and farm managers  
Managers, officials, and proprietors, except farm  
Clerical and kindred workers  
Sales workers  
Craftsmen, foremen, and kindred workers  
Operatives and kindred workers  
Private household workers  
Service workers, except private household workers  
Farm laborers, unpaid family workers  
Farm laborers, except unpaid, and farm foremen  
Laborers, except farm and mine  
Occupation not reported  
Unemployed  
Armed forces  
Not in labor force  
Individual income (14)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, income not reported

SERIES D: Count 5  
(Occupation and Industry Report)

Cards Used:  
3 1/3-percent sample P cards, experienced civilian labor force  
Areas: United States  
Sort: Sex, detailed occupation (469 groups)

Items Tabulated:  
Total persons (1)  
Grade completed (7)  
Grades 0-7, 8, 9-11, 12, college 1-3, 4 or more, not reported  
Marital status (5)  
Single, married (spouse present), married (spouse absent), widowed, divorced  
Migration status (5)  
Residence one year prior to Census date:  
Same county  
Different county (same State)  
Contiguous State  
Non-contiguous State or abroad  
Not reported  
Nativity and citizenship (4)  
Native  
Foreign-born: naturalized, alien, citizenship not reported  
Weeks worked in 1949 by wage and salary workers (7), all persons (7)  
None, 1-13 weeks, 14-26, 27-39, 40-49, 50-52, not reported  
Self employed and unpaid family workers (1) (residue), employed (1) (residue)  
Weeks worked in 1949 by unemployed persons (3)  
None, one or more weeks, not reported

Income of persons who worked 50-52 weeks in 1949 (16)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, income not reported  
Residence (3)  
Urban, rural nonfarm, rural farm

SERIES D: Count 5-A  
(Occupation and Industry Report)

Cards Used:  
3 1/3-percent sample P cards, experienced civilian labor force  
Areas: United States  
Sort: Sex, detailed occupation (469 groups)

Items Tabulated: Same as Series C Count C-1

SERIES D: Count 6  
(Occupation and Industry Report)

Cards Used:  
3 1/3-percent sample P cards, experienced civilian labor force  
Areas: United States  
Sort:  
Sex, detailed occupation (469 groups), class of worker: wage and salary workers, self-employed and unpaid family workers

Items Tabulated:  
Total persons (1)  
Age (15)  
14-15 years of age, 16-17, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75 and over  
Wage and salary income (wage and salary workers) or self-employment income (self-employed workers) - any weeks worked (16), - persons working 50 or more weeks in 1949 (16)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, income not reported  
Unpaid family workers (1) (residue)  
All other persons (1) (residue)  
Hours worked of employed (9)  
At work: 1-14 hours, 15-34, 35-39, 40, 41-48, 49-59, 60 or more, hours not reported  
With a job but not at work  
Unemployed (1) (residue)

SERIES D: Count 7  
(Occupation and Industry Report)

Cards Used:  
3 1/3-percent sample P cards for non-white experienced civilian labor force  
Areas: United States  
Sort: Sex, detailed occupation (469 groups)  
Items Tabulated:  
Total persons (1)  
Grade completed (7), marital status (5), migration status (5), nativity and citizenship (4)  
Weeks worked in 1949, wage and salary workers (7)  
Self-employed and unpaid family workers (1) (residue)  
Weeks worked in 1949, all persons (7)  
(The above seven subjects have same detail tabulated as in Series D - Count 5)

Income in 1949 (16)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, income not reported  
Race (2)  
Negro, other races  
Class of workers of employed (4)  
Private wage and salary, government, self-employed, unpaid family workers  
Unemployed (1) (residue)

SERIES D: Count 8, Parts A, B, and C  
(Occupation and Industry Report)

Cards Used:  
3 1/3-percent sample P cards, experienced civilian labor force  
Areas: United States  
Sort:  
Sex, detailed occupation, excluding industry subgroups (275 groups)

Items Tabulated:  
The subject tabulated in these three counts, 8A, 8B, and 8C was "Detailed industry of employed" (148 groups). In addition, each of the three counts included: total persons, total employed, total unemployed, various industry subtotals, and a sorting operational count for a later tabulation.

SERIES D: Count 9  
(Occupation and Industry Report)

Cards Used:  
3 1/3-percent sample P cards, experienced civilian labor force  
Areas: United States  
Sort:  
Sex; detailed industry (148 groups); class of worker: private wage and salary; government; self employed; unpaid family workers

Items Tabulated:  
Total persons (1)  
Race of employed (3)  
White, Negro, other races  
Age of employed (15)  
14-15 years, 16-17, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75 years and over  
Hours worked of employed (9)  
At work: less than 15 hours, 15-34, 35-39, 40, 41-48, 49-59, 60 or more hours, hours not reported  
With a job but not at work  
Major occupation of employed (9)  
Professional, technical, and kindred workers  
Managers, officials, and proprietors, including farm  
Clerical and kindred workers  
Sales workers  
Craftsmen, foremen, and kindred workers  
Operatives and kindred workers  
Service workers, including private households  
Laborers, except mine  
Occupation not reported  
Weeks worked in 1949, experienced civilian labor force (7)  
None, 1-13 weeks, 14-26, 27-39, 40-49, 50-52, weeks worked not reported  
Wage and salary income (wage and salary workers) or self-employment income (self-employed workers) (16)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over  
Income not reported; also (in same counter, different sort group): unpaid family workers

SERIES D: Count 10  
(Occupation and Industry Report)

Cards Used:  
3 1/3-percent sample P cards, experienced civilian labor force

Areas: United States  
Sort: Sex, detailed industry (148 groups)

Items Tabulated:  
Total persons (1)  
Residence of employed (3)  
Urban, rural nonfarm, rural farm  
Weeks worked in 1949 of unemployed (3)  
None, 1 or more weeks, not reported  
Individual income, experienced civilian labor force, - all persons (16), - nonwhite persons (16)  
None, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,499, \$3,500-\$3,999, \$4,000-\$4,499, \$4,500-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000-\$9,999, \$10,000 and over, income not reported  
Age, nonwhite employed (12)  
14-17 years, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65 and over  
Nonwhite unemployed (1) (residue)  
Weeks worked in 1949, experienced civilian labor force, nonwhite (7)  
None, 1-13 weeks, 14-26, 27-39, 40-49, 50-52, weeks worked not reported  
White persons (1) (balancing counter)

NOTE: There were no counts 11 and 12 in Series D.

SERIES D: Count 13  
(Fertility Report)

Cards Used:  
3 1/3-percent sample P cards, never married females 14 years of age and over  
Areas:  
North and West, South  
Residence: urban, rural nonfarm, rural farm  
Sort:  
Color: white, nonwhite  
Age: 14, 15-17, 18-19, five-year age groups 20-44, 65 years of age and over  
Items Tabulated:  
Total persons (1)  
Race and nativity (4)  
Native, Spanish white; also Negro  
Native, non-Spanish white  
Foreign-born Spanish white; also Indian  
Foreign-born non-Spanish white; also other nonwhite  
Region of birth (4)  
Same as State of enumeration, North and West, South, all other places of birth (residue)  
Labor force status, and weeks worked in 1949 (8)  
In the labor force  
Not in the labor force: did not work in 1949, worked 1-13 weeks, 14-26, 27-39, 40-49, 50 or more, weeks worked not reported  
District of Columbia residence (3)  
Born and living in District of Columbia  
Born elsewhere (or not reported) and living in District of Columbia  
All other persons (residue)  
Residence by size of place (7)  
In urbanized areas:  
Places of 100,000 or more  
Places of 50,000 to 99,999  
Places of 25,000 to 49,999  
Places of 2,500 to 24,999  
Other urban in urbanized areas  
Not in urbanized areas:  
Places of 25,000 or more  
Places of 2,500 to 24,999  
Since urban and rural are in the sort, the following areas tabulate in the same counters used for the last two urban areas:  
Rural places of 1,000 to 2,500  
Other rural  
Metropolitan area status (3)  
In SMA's, not in SMA's, not ascertainable (on basis of SMA code in card col. 3)



SERIES D: Count 13--Con.  
Items Tabulated--Con.

Age (by single years to age 64) (5)  
Ages ending in 0 and 5  
Ages ending in 1 and 6  
Ages ending in 2 and 7  
Ages ending in 3 and 8  
Ages ending in 4 and 9  
Migration status (5)  
Residence one year prior to Census date:  
Same house as a year ago  
Different house (same county)  
Different county (same State)  
Different State  
Abroad or not reported  
Farm residence in 1949 of movers (2)  
Farm, nonfarm, not reported  
Non-movers or migration status not reported (1) (residue)  
Grade completed by labor force status (16)  
In labor force, not in labor force for each of the following grades:  
0-6 years of school completed, 7 years, 8, 9-11, 12 years, college 1-3 years, 4 or more years, not reported

SERIES D: Count 14  
(Education Report)

Cards Used:  
3 1/3-percent sample P cards for persons 5 to 13 years of age  
Areas:  
United States by regions: North and West, South  
Residence: Urban and rural nonfarm, rural farm  
Sort:  
Age and year of school in which enrolled:  
Age 5: grades 1, 2-3, all other grades and not reported, kindergarten, not enrolled (5 groups)  
Age 6: grades 1, 2, 3-4, all other grades and not reported, kindergarten, not enrolled (6 groups)  
Age 7: grades 1, 2, 3, 4-5, all other grades and not reported, not enrolled (6 groups)  
Age 8: grades 1, 2, 3, 4, 5-6, all other grades and not reported, not enrolled (7 groups)  
Age 9: grades 1, 2, 3, 4, 5, 6-7, all other grades and not reported, not enrolled (8 groups)  
Age 10: grades 1, 2, 3, 4, 5, 6, 7-8, all other grades and not reported, not enrolled (9 groups)  
Age 11: grades 1-2, 3, 4, 5, 6, 7, 8-9, all other grades and not reported, not enrolled (9 groups)  
Age 12: grades 1-3, 4, 5, 6, 7, 8, 9-10, all other grades and not reported, not enrolled (9 groups)  
Age 13: grades 1-4, 5, 6, 7, 8, 9, 10-11, all other grades and not reported, not enrolled (9 groups)

Items Tabulated:  
Miscellaneous items (2)  
Total persons, inmates and unrelated individuals  
Ethnic characteristics (14)  
Native white, native parents:  
Born in North or West  
Born in same region as region being tabulated  
Born in South  
Native white, foreign or mixed parents:  
Northern and western Europe  
Central and eastern Europe  
Southern Europe  
Other stock, and not reported  
Foreign-born white, native Negro, foreign-born Negro, Indian, Japanese, Chinese, other races  
Race and nativity (4)  
White: Spanish surname, other  
Nonwhite: native, foreign-born  
Migration status - all persons (4), - nonwhite persons (4)  
Residence one year prior to Census date:  
Same house, different house (same county), different county, not reported  
Residence by size of place, - all persons (5), - nonwhite persons (5)  
In urbanized areas: places of 100,000 or more, all other places  
Not in urbanized areas:  
Places of 25,000 or more  
Places of 2,500 to 24,999  
Rural farm, also rural nonfarm (depending on sort group)

SERIES D: Count 15  
(Fertility Report - Data on Unrelated Individuals)

Cards Used:  
3 1/3-percent sample P cards for unrelated individuals under 14 years of age  
Areas: 48 States and District of Columbia  
Sort: None  
Items Tabulated:  
Total persons (1)  
Residence, sex, color, and age (24)  
Urban:  
Male, white: 0-5, 6-13 years  
Male, nonwhite: 0-5, 6-13 years  
Female, white: 0-5, 6-13 years  
Female, nonwhite: 0-5, 6-13 years  
Rural nonfarm: same as urban  
Rural farm: same as urban  
Sex by type of household (4)  
Male: in household, in quasi household  
Female: in household, in quasi household

SERIES D: Count 16  
(Institutional Report)

Cards Used: 3 1/3-percent sample P cards for inmates  
Areas: United States  
Sort:  
Sex, age: under 14 years, 14-24, 25-44, 45-64, 65 and over  
Type of institution: 26 types (for list, see Series W- Count 2)  
Items Tabulated:  
Total persons (1)  
Residence by metropolitan area status (4)  
Urban: in SMA, not in SMA  
Rural: in SMA, not in SMA  
Race, nativity, and citizenship (5)  
Native white, Negro, other races  
Foreign-born white: naturalized, all others  
Grade attending, inmates 5-24 years (8)  
Under 5 years (residue)  
Enrolled in kindergarten, ages 5-6  
Enrolled in school: 5-6, or 14-17; 7-13, or 18-24  
Not enrolled: 5-6, or 14-17; 7-13, or 18-24  
Enrollment not reported: 5-6, or 14-17; 7-13, or 18-24  
Grade completed, inmates 25 years old and over (8)  
0-4 years completed, 5-7, 8, 9-11, 12, college 1-3, 4 or more years, grade completed not reported  
Farm residence in 1949 of movers (3)  
Residence one year prior to Census date:  
Farm, nonfarm, not reported  
Non-movers and all other (1) (residue)  
Migration status, persons 1 year old and over (6)  
Same house, different house (same county), different county (same State), different State, abroad or status not reported  
Under 1 year of age (residue)  
Marital status by color (12)  
White, nonwhite:  
Single, separated, married (spouse present), married (spouse absent), widowed, divorced  
Individual income (10)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,999, \$4,000 and over, not reported

SERIES W: Count 1

Cards Used: All P cards for inmates of institutions  
Areas: Each urban place, each balance of county  
Sort: Sex  
Items Tabulated:  
Total persons (1)  
Age, all persons (14)  
Under 1 year, 1-4 years, 5, 6-9, 10-14, 15-19, 20-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85 and over

Color (2)  
Nonwhite, white  
Age, nonwhite persons (14)  
Under 1 year, 1-4 years, 5, 6-9, 10-14, 15-19, 20-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85 and over  
Type of institution (19)  
Schools for juvenile delinquents  
Detention homes  
Homes for neglected and dependent children  
Homes and schools for mentally handicapped  
Homes and schools for physically handicapped  
Mental hospitals - public  
Mental hospitals - private  
Tuberculosis hospitals - public  
Tuberculosis hospitals - private  
Chronic hospitals  
Nursing and convalescent homes  
Maternity homes for unmarried mothers  
Homes for the aged - public  
Homes for the aged - private, non-profit  
Homes for the aged - private, commercial  
Federal prisons  
State prisons  
Jails  
Type of institution not reported

SERIES W: Count 2  
(Institutional Report)

Cards Used: All P cards for inmates of institutions  
Areas: Each State  
Sort:  
Sex, 26 types of institutions:  
Schools for juvenile delinquents - public  
Schools for juvenile delinquents - private  
Detention homes  
Homes for neglected and dependent children - public  
Homes for neglected and dependent children - private  
Homes and schools for mentally handicapped - public  
Homes and schools for mentally handicapped - private  
Homes and schools for physically handicapped - public  
Homes and schools for physically handicapped - private  
Mental hospitals - federal  
Mental hospitals - State and local  
Mental hospitals - private  
Tuberculosis hospitals - federal  
Tuberculosis hospitals - State and local  
Tuberculosis hospitals - private  
Chronic hospitals  
Nursing and convalescent homes  
Maternity homes for unmarried mothers  
Homes for the aged - Federal and State  
Homes for the aged - local  
Homes for the aged - private, non-profit  
Homes for the aged - private, commercial  
Federal prisons  
State prisons  
Jails  
Type of institution not reported  
Items Tabulated:  
Total persons (1)  
Age, all persons (29)  
Under 1 year, 1-4 years, 5-9, 5, 6, 7-9, 10-14, 10-13, 14, 15-19, 15-17, 18-19, 20-24, 20, 21-24, 5 year age groups - 25-84, 85 and over, 21 and over  
Color (2)  
Nonwhite, white  
Age, nonwhite persons (28)  
Under 1 year, 1-4 years, 5, 6, 7-9, 10-14, 10-13, 14, 15-19, 15-17, 18-19, 20-24, 20, 21-24, 5 year age groups - 25-84, 85 and over, 21 and over

SERIES W: Count 3  
(Nativity and Parentage Report)

Cards Used:  
20-percent sample P cards for foreign-born white persons born in countries not shown separately in Count 5, Series B

Areas: Each State  
Sort: None

Items Tabulated:  
Total persons (1)  
Country of birth (54)  
England, Wales, Latvia, Estonia, Bulgaria, Greece, Dodecanese Islands, Iceland, Luxembourg, Albania, all other Europe, Turkey, Lebanon, Syria, Israel, Arab Palestine, Pakistan, India, China, Japan, Korea, Philippine Islands, other Asia, Cautemala, British Honduras, Honduras, Nicaragua, El Salvador, Costa Rica, Panama, Cuba, Jamaica, other British West Indies, Dominican Republic, Haiti, other West Indies, Colombia, Venezuela, Ecuador, Peru, Bolivia, Brazil, Paraguay, Uruguay, Chile, Argentina, other South America, Africa, Azores, other Atlantic Islands, Australia, New Zealand, Trust Territory of Pacific Islands, other Pacific Islands

SERIES W: Count 4  
(State of Birth Report)

Cards Used:  
20-percent sample P cards for native-born persons born outside their State of residence  
Areas: Each State of residence  
Sort:  
Sex, color: white, nonwhite  
Age: under 5 years, 5-9, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70 years and over  
Items Tabulated:  
Total persons (1)  
State of birth (50)  
Each of 48 States, District of Columbia, State of birth not reported  
Native persons born outside of continental United States (5)  
Alaska, Hawaii, Puerto Rico, other Territories and possessions, born abroad  
Five year age groups (2)  
Ages ending in 0-4, ages ending 5 to 9  
Born in territories and possessions (2)  
Tabulated as foreign-born in Series B  
Tabulated as native in Series B

SERIES W: Count 5  
(Nativity and Parentage Report)

Cards Used:  
20-percent sample P cards for native white persons of foreign or mixed parentage  
Areas:  
Each city with 50,000 or more foreign white stock, remainder of each State  
Sort: Sex  
Items Tabulated:  
Total persons (1)  
Country of birth of parents (34)  
England and Wales, Scotland, Northern Ireland, Ireland (Eire), Norway, Sweden, Denmark, Netherlands, Belgium, Switzerland, France, Germany, Poland, Czechoslovakia, Austria, Hungary, Yugoslavia, Ukraine, Balance of U.S.S.R., Lithuania, Finland, Rumania, Greece (including Dodecanese Islands), Italy, Spain, Portugal, other Europe, Asia, Canada-French, Canada-other, Mexico, other America, all other, not reported  
Nativity of parents, by sex (6)  
Male, female:  
Both parents foreign-born; father foreign, mother native; father native, mother foreign



**SERIES W: Counts 6A-1 and 6A-2**  
(Nativity and Parentage Report)

**Cards Used:**  
Count 6A-1, 20-percent sample P cards for foreign-born whites  
Count 6A-2, 20-percent sample P cards for native whites of foreign or mixed parentage

**Areas:**  
Each SMA with 500,000 or more foreign white stock; balance of six major areas: New England, Middle Atlantic, East North Central, West North Central Divisions, South Region, West Region  
Residence: Urban, rural nonfarm, rural farm

**Sort:**  
Birthplace (or parents' birthplace) as follows:  
England and Wales, Ireland, Norway, Sweden, Germany, Poland, Czechoslovakia, Austria, U.S.S.R., Italy, Canada-French, Canada-other, Mexico, all other countries

**Sex, age:**  
Under 14, 14-24, 25-44, 45 and over

**Items Tabulated:**  
Total persons (1)  
Detailed age (7)  
Under 1 year, 1-4 years, 5-9, 10-13, 14, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75 and over. (Only 7 counters are required, since the cards have been sorted by major age group)  
Citizenship (4)  
Native (residue)  
Foreign-born: Naturalized, alien, citizenship not reported  
Marital status (3)  
Single, married or separated, widowed or divorced  
Major occupation of employed (13)  
Professional, technical, and kindred workers  
Farmers and farm managers  
Managers, officials, and proprietors, except farm  
Clerical and kindred workers  
Sales workers  
Craftsmen, foremen, and kindred workers  
Operatives and kindred workers  
Private household workers  
Service workers, except private household  
Farm laborers, unpaid family workers  
Farm laborers, except unpaid and farm foremen  
Laborers, except farm and mine  
Occupation not reported  
Other than employed (1) (residue)  
Grade completed, persons 14 years old and over (10)  
No school completed, 1-4 years completed, 5-6 years, 7, 8, 9-11, 12, 1-3 years of college completed, 4 or more years of college, grade not reported  
Individual income (14)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000-\$5,999, \$6,000-\$9,999, \$10,000 and over  
Income not reported  
Persons under 14 years of age (residue)  
Employment status (5)  
Employed, unemployed, armed forces, not in labor force  
Persons under 14 years of age (residue)

**SERIES W: Count 6B**  
(Report on Puerto Ricans)

**Cards Used:**  
20-percent sample P cards for Puerto Ricans born in the United States or in Puerto Rico

**Areas:**  
New York City, balance of United States

**Sort:**  
Nativity: Born in Puerto Rico, born in United States  
Color, sex, age: under 14 years, 14-24, 25-44, 45 and over

**Items Tabulated:** (Detail same as for Counts 6A-1 and 6A-2)

**SERIES W: Count 6C**  
(Spanish Surname Report)

**Cards Used:**  
20-percent sample P cards for white persons with Spanish surname in Arizona, California, Colorado, New Mexico, and Texas

**Areas:**  
Each of the 5 Southwestern States  
Residence: Urban, rural nonfarm, rural farm

**Sort:**  
Nativity and parentage:  
Foreign-born persons, natives of Mexican parents, natives of foreign or mixed parents (other than Mexican), natives of native parents

**Sex, age:**  
Under 14, 14-24, 25-44, 45 and over

**Items Tabulated:** (Detail same as for Counts 6A-1 and 6A-2)

**SERIES W: Count 6D-1**  
(Nonwhite Report)

**Cards Used:** All P cards for persons of minor races

**Areas:**  
Indian agency areas containing 2,500 or more Indians, SMAs with 2,500 or more minor races; States with 2,500 or more minor races  
Residence (States only):  
Urban  
Rural nonfarm  
Rural farm

**Sort:**  
Sex, race: Indian, Japanese, Chinese, Filipino, other races

**Items Tabulated:**  
Total persons (1)  
Age (16)  
Under 5 years; 5 year age groups, 5-74; 75 years and over  
Marital status (3)  
Single, married or separated, widowed or divorced  
Grade completed, sample persons 25 years of age and over (10)  
No school completed, 1-4 years completed, 5-6 years, 7, 8, 9-11, 12, 1-3 years of college completed, 4 or more years of college, grade not reported  
All other persons (1) (residue)  
Individual income (11)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000-\$5,999, \$6,000 and over, income not reported  
Major occupation of employed (12)  
Professional, technical, and kindred workers  
Farmers and farm managers  
Managers, officials, and proprietors, except farm  
Clerical, kindred workers and sales workers  
Craftsmen, foremen, and kindred workers  
Operatives and kindred workers  
Private household workers  
Service workers, except private household  
Farm laborers, unpaid family workers  
Farm laborers, except unpaid and farm foremen  
Laborers, except farm and mine  
Occupation not reported  
Other than employed (1) (residue)  
Employment status (4)  
Employed, unemployed, armed forces, not in labor force  
Persons 14 years old and over (1) (balancing counter)

**SERIES W: Count 6D-2**  
(Nonwhite Report)

**Cards Used:** All P cards for persons of minor races

**Areas:**  
Regions: Northeast, North Central, South, West  
Residence: Urban, rural nonfarm, rural farm

**Sort:**  
Race: Indian, Japanese, Chinese, Filipino, other  
Sex  
Age: Under 14 years, 14-24, 25-44, 45 and over

**Items Tabulated:**  
Total persons (1)  
Detailed age (7)  
Under 1 year, 1-4 years, 5-9, 10-13, 14, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75 and over. (Only 7 counters are required since the cards have been sorted by major group)  
Citizenship (4)  
Native (residue)  
Foreign-born: Naturalized, alien, citizenship not reported  
Marital status (3)  
Single, married or separated, widowed or divorced  
Major occupation of employed (13)  
Professional, technical, and kindred workers  
Farmers and farm managers  
Managers, officials, and proprietors except farm  
Clerical and kindred workers  
Sales workers  
Craftsmen, foremen, and kindred workers  
Operatives and kindred workers  
Private household workers  
Service workers, except private household  
Farm laborers, unpaid family workers  
Farm laborers, except unpaid and farm foremen  
Laborers, except farm and mine  
Occupation not reported  
Other than employed (1) (residue)  
Grade completed, persons 14 years old and over (10)  
No school completed, 1-4 years completed, 5-6 years, 7, 8, 9-11, 12, 1-3 years of college, 4 or more years of college, grade not reported  
Persons under 14 years of age, and non-sample persons (1) (residue)  
Individual income (14)  
No income, under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000-\$5,999, \$6,000-\$9,999, \$10,000 and over, not reported  
Persons under 14 years, and nonsample persons (balancing counter)  
Employment status (5)  
Employed, unemployed, armed forces, not in labor force  
Under 14 years of age (residue)

**NOTE:** There were no Counts 7 and 8 in Series W

**SERIES W: Count 9**  
(Nonwhite Report)

**Cards Used:** All P cards for foreign-born nonwhites

**Areas:**  
Each SMA with 2,500 or more foreign-born nonwhites  
Each State with 2,500 or more foreign-born nonwhites  
Balance of 4 regions: Northeast, North Central, South, and West

**Sort:** Race: Negro, Indian, Japanese, Chinese, Filipino, other

**Items Tabulated:**  
Total persons (1)  
Citizenship of all persons (3)  
Naturalized, alien, citizenship not reported  
Citizenship of persons 21 years old and over (4)  
Naturalized, alien, citizenship not reported  
Total persons 21 years old and over (balancing counter)  
Age by sex (32)  
Male, female:  
Under 5 years, 5 year age groups for 5-74, 75 and over  
Birthplace (20)  
Europe, India, China, Japan, Korea, other Asia, U.S.S.R., Canada, Mexico, Cuba, Jamaica, other British West Indies, other West Indies, other North and Central America, South America, Africa, Philippine Islands, Pacific Islands, countries not elsewhere specified, not reported

**SERIES W: Count 10**  
(Nonwhite Report)

**Cards Used:**  
All P cards for foreign-born nonwhite persons born in countries not tabulated separately in Count 9, Series W

**Areas:**  
Each SMA with 2,500 or more foreign-born nonwhites  
Each State with 2,500 or more foreign-born nonwhites  
Balance of 4 regions: Northeast, North Central, South, and West

**Sort:** Race: Negro, Indian, Japanese, Chinese, Filipino, other

**Items Tabulated:**  
Total persons (1)  
Birthplace (59)  
England, Scotland, or Wales, N. Ireland, Ireland (Eire), Norway, Sweden, Denmark, Netherlands, Belgium, Switzerland, France, Germany, Poland, Czechoslovakia, Austria, Hungary, Yugoslavia, Latvia, Estonia, Lithuania, Finland, Rumania, Bulgaria, Greece, or Dodecanese Islands, Italy, Spain, Portugal, other Europe, Turkey, Lebanon, Syria, Israel, Arab Palestine, Pakistan, Canada-other, Guatemala, Nicaragua, El Salvador, Costa Rica, Panama, Dominican Republic, Haiti, Colombia, Venezuela, Ecuador, Peru, Bolivia, Brazil, Paraguay, Uruguay, Chile, Argentina, other South America, Azores, Australia, New Zealand, U. S. Trust Territory (Pacific Islands), all other countries (including not reported)

**SERIES Z: Count 1**  
(Mobility Tables)

**Cards Used:**  
20-percent sample P cards, persons 1 year old and over who were not in the same house as in 1949

**Areas:**  
State economic area  
Residence: Urban, rural nonfarm, rural farm

**Sort:**  
Type of mobility: Same county as in 1949, same State economic area as in 1949, different State economic area from that in 1949, abroad in 1949, and mobility status not reported  
Sex, total and nonwhites for State economic areas with 25,000 nonwhite or more in 1950

**Items Tabulated:**  
Miscellaneous counters (2)  
Total persons, persons other than family heads  
Color (2)  
White, nonwhite  
Farm residence in 1949 (3)  
Farm, nonfarm, not reported  
Distance of move (6)  
Intrastate, contiguous State, non-contiguous States, abroad, migrant (State not ascertainable), mobility status not ascertainable  
Age (12)  
1-5 years, 6-13, 14-17, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-54, 55-64, 65 and over  
Grade of school completed for persons 25 years of age and over (8)  
None and 1-4 grades completed, 5-7, 8, 9-11, 12, 1-3 years of college, 4 or more years of college, grade completed not reported  
Marital status (3)  
Never married, married, widowed or divorced  
Employment status (3)  
Unemployed, not in the labor force, armed forces  
Major occupation of employed (12)  
Professionals, farmers, proprietors, clerical workers, sales workers, craftsmen, operatives, service workers, unpaid farm laborers, farm laborers, nonfarm laborers, occupation not reported  
Family income for family heads (12)  
None and under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000-\$5,999, \$6,000-\$9,999, \$10,000 and over, income not reported

**SERIES Z: Count 2**  
(Mobility Tables)

**Cards Used:**

20-percent sample P cards, persons 1 year old and over who were living in different house in the continental United States in 1949 and 1950

**Areas:**

Economic subregion of 1950 residence; urban and rural nonfarm, rural farm in 1950; farm, nonfarm, farm residence not reported in 1949

**Sort:**

Sex, total and nonwhites for economic subregions with 50,000 nonwhites or more in 1950

**Items Tabulated:**

Miscellaneous counters (2)  
Total persons, persons other than family heads

**Color (2)**

White, nonwhite

**Residence in 1950 (2)**

Urban, rural

**Distance of move (4)**

Same county, intrastate, contiguous States, non-contiguous States

**Age (12)**

1-5 years, 6-13, 14-17, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-54, 55-64, 65 and over

**Grade of school completed for persons 25 years of age and over (8)**

None and 1-4 grades completed, 5-7, 8, 9-11, 12, 1-3 years of college, 4 or more years of college, grade completed not reported

**Marital status (3)**

Never married, married, widowed or divorced

**Employment status (3)**

Unemployed, not in the labor force, armed forces

**Major occupation of employed (12)**

Professionals, farmers, proprietors, clerical workers, sales workers, craftsmen, operatives, service workers, unpaid farm laborers, farm laborers, nonfarm laborers, occupation not reported

**Family income for family heads (12)**

None and under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000 and over, income not reported

**SERIES Z: Count 3**  
(Mobility Tables)

**Cards Used:**

20-percent sample P cards, persons 1 year old and over who were either abroad in 1949 or not reported on mobility status

**Areas:**

United States: Urban, rural nonfarm, rural farm

**Sort:**

Abroad in 1949, mobility status not reported

Sex, total, and nonwhite

**Items Tabulated:**

Miscellaneous counters (2)

Total persons, persons other than family heads

**Color (2)**

White, nonwhite

**Farm residence in 1949 (3)**

Farm, nonfarm, not reported

**Abroad in 1949 (1)**

Not reported (2)

Migrant, State not reported

Other mobility status not ascertainable

**Age (12)**

1-5 years of age, 6-13, 14-17, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-54, 55-64, 65 years and over

**Grade of school completed for persons 25 years of age and over (8)**

None and 1-4 grades completed, 5-7, 8, 9-11, 12, 1-3 years of college, 4 or more years, grade completed not reported

**Marital status (3)**

Never married, married, widowed or divorced

**Employment status (3)**

Unemployed, not in the labor force, armed forces

**Major occupation of employed (12)**

Professionals, farmers, proprietors, clerical workers, sales workers, craftsmen, operatives, service workers, unpaid farm laborers, farm laborers, nonfarm laborers, occupation not reported

**Family income for family heads (12)**

None and under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000 and over, income not reported

**SERIES Z: Count 4**  
(Mobility Tables)

**Cards Used:**

20-percent sample P cards, persons 1 year old and over, who were living in a different State economic area in 1949 and 1950

**Areas:**

State economic area of 1949 residence  
Farm, nonfarm, farm residence not reported in 1949

**Sort:**

Sex, total and nonwhite for State economic areas with 25,000 nonwhites or more in 1950

**Items Tabulated:**

Miscellaneous counters (2)

Total persons, persons other than family heads

**Color (2)**

White, nonwhite

**Residence in 1950 (3)**

Urban, rural nonfarm, rural farm

**Distance of migration (3)**

Intrastate, contiguous States, non-contiguous States

**Age (12)**

1-5 years, 6-13, 14-17, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-54, 55-64, 65 and over

**Grade of school completed for persons 25 years of age and over (8)**

None and grades 1-4 completed, 5-7, 8, 9-11, 12, 1-3 years of college completed, 4 or more years of college, grade completed not reported

**Marital status (3)**

Never married, married, widowed or divorced

**Employment status (3)**

Unemployed, not in the labor force, armed forces

**Major occupation of employed (12)**

Professionals, farmers, proprietors, clerical workers, sales workers, craftsmen, operatives, service workers, unpaid farm laborers, farm laborers, nonfarm laborers, occupation not reported

**Family income of family heads (12)**

None and under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000-\$5,999, \$6,000-\$6,999, \$7,000 and over, income not reported

**SERIES Z: Count 5**  
(Mobility Tables)

**Cards Used:**

20-percent sample P cards, persons 1 year old and over who migrated between States or were abroad in 1949

**Areas:**

State of 1950 residence: Urban, rural nonfarm, rural farm

**Sort:**

Interstate migrants, abroad in 1949

Sex, total and nonwhite persons

**Items Tabulated:**

Total persons (1)

State of 1949 residence, for in-migrants (49)

Each State and the District of Columbia

Farm residence in 1949, all persons (3)

Farm, nonfarm, not reported

Distance of move, in-migrants (2)

Contiguous States, non-contiguous States

Area of 1949 residence, for persons abroad (5)

Foreign country, Alaska, Hawaii, Puerto Rico, other possessions

Abroad in 1949 (1)

Total persons abroad

**SERIES Z: Count 6A**  
(Mobility Tables)

**Cards Used:**

20-percent sample P cards for migrants 1 to 13 years old

**Areas:**

1950 residence in the following seven geographic divisions or groups by 1949 residence in the same geographic group:

New England and Middle Atlantic, East

North Central, West North Central, South Atlantic, East South Central

and West South Central, Mountain, Pacific

For each of the above 49 groups, the following nine additional sorts:

1950 residence in metropolitan State

Economic Areas (SEA):

1949 residence in metropolitan SEA or SEA not reported

1949 residence in nonmetropolitan SEA:

Nonfarm in 1949 or farm residence in 1949 not reported

Farm in 1949

1950 residence in nonmetropolitan SEA and nonfarm:

1949 residence in metropolitan SEA

1949 residence in nonmetropolitan SEA or SEA not reported:

Nonfarm in 1949 or farm residence in 1949 not reported

Farm in 1949

1950 residence in nonmetropolitan SEA and nonfarm:

1949 residence in metropolitan SEA

1949 residence in nonmetropolitan SEA or SEA not reported:

Nonfarm in 1949 or farm residence in 1949 not reported

Farm in 1949

**1950 residence in nonmetropolitan SEA and farm:**

1949 residence in metropolitan SEA

1949 residence in nonmetropolitan SEA or SEA not reported:

Nonfarm in 1949

Farm in 1949 or farm residence in 1949 not reported

**Sort: None**

**Items Tabulated:**

Total persons (1)

Sex by color by age (16)

Male, female:

White, nonwhite:

Ages 1-4, years, 5-6, 7-9, 10-13

Age by relationship (16)

Ages 1-4, 5-6, 7-9, 10-13:

Child, other relative, not related, quasi-household member

Age by sex by distance migrated (24)

Ages 1-4, 5-6, 7-9, 10-13:

Male, female:

Intrastate, contiguous State, non-contiguous State

**SERIES Z: Count 6B**  
(Mobility Tables)

**Cards Used:** 20-percent sample P cards for migrants 14 years old and over

**Areas:** Same as Count 6A, Series Z

**Sort:**

Age: 14-29 years, 20-24, 25-29, 30-34, 35-44, 45-64, 65 years and over

**Items Tabulated:**

Total persons (1)

Relationship (6)

Male head, female head, wife, other relative, not related, in quasi-household

Sex by marital status (6)

Male, female:

Never married, married, spouse present, other

Employment status by sex (17)

Male:

Employed--major occupation group:

Professional and technical, farmers and farm managers, proprietors, clerical, sales, craftsmen, operatives, service, farm laborers, nonfarm laborers, occupation not reported

Unemployed, in armed forces, not in labor force

Female:

Employed and in armed forces, unemployed, not in the labor force

Sex by color (4)

Male, female:

White, nonwhite

Sex by distance migrated (6)

Male, female:

Intrastate, contiguous States, non-contiguous States

Grade of school completed, by color, for persons 25 years old and over (10)

White, nonwhite:

Less than 5th grade, 5-8, 9-12, 1 or more years of college, grade completed not reported

Individual income of males (10)

Under \$500, \$500-\$999, \$1,000-\$1,499, \$1,500-\$1,999, \$2,000-\$2,499, \$2,500-\$2,999, \$3,000-\$3,999, \$4,000-\$4,999, \$5,000 and over, income not reported

C CARD TABULATIONS: Count 1  
(Fertility Report)

Cards Used: C cards for women ever married, 14 to 59 years old

Areas: Each State: Urban, rural nonfarm, rural farm

Sort: Children ever born: 0, 1, 2, 3 and 4, 5 or more

Items Tabulated:

Total women (1)  
Women age 14, total and nonwhite (2)  
Total women by 5-year age groups and children ever born (24)

Age 15-19: 0, 1, 2, 3, 5-6 children

4, 7-9 children

10 children

(Same detail for each 5-year age group to age 55-59)

Nonwhite women by 5-year age groups and children ever born (24)

(Same detail as for Total women)

Information for determining original sample size (8)

White:

In 1-percent subsample:

Original cards

Duplicated cards

Not in 1-percent subsample:

Original cards

Duplicated cards

Nonwhite:

(Same detail as for White)

C CARD TABULATIONS: Count 2  
(Fertility Report)

Cards Used: C cards for ever married women 15 to 59 years old

Areas: United States: Urban, rural nonfarm, rural farm

Sort:

Color; 5-year age groups: 15-19 to 55-59; marital status: married once, husband present, and other ever married; children ever born: 0, 1, 2, 3, 4, 5-6, 7-9, 10 or more

Items Tabulated:

Total women (1)  
Single years of age (5)

Ages ending in 0 or 5

Ages ending in 1 or 6

Ages ending in 2 or 7

Ages ending in 3 or 8

Ages ending in 4 or 9

Detailed children ever born (2)

0, 1, 2, 3, 4, 5, 6, 7, 10, or 11

6, 8-9, or 12

Race-nativity, with detailed children ever born by single years of age for

native white and Negro women (11)

Foreign-born white or other races

Native white or Negro women:

0-5, 7, or 10-11 children:

Women with ages ending in 0 or 5

Women with ages ending in 1 or 6

Women with ages ending in 2 or 7

Women with ages ending in 3 or 8

Women with ages ending in 4 or 9

6, 8-9, or 12 children:

Unit digits of age as above

Own children under one year old (2)

None, 1 or more

Years of school completed by woman (7)

Elementary: 0-7 years

8 years

High school: 1-3 years

4 years

College: 1-3 years

4 or more

School years not reported

Major occupation group of husbands in the experienced labor force, for women married once, husband present (10)

Professional, technical, and kindred workers

Farmers and farm managers

Managers, officials, and proprietors, except farm

Clerical, sales, and kindred workers

Craftsmen, foremen, and kindred workers

Operatives and kindred workers

Service workers (including private household)

Farm laborers

Laborers, except farm and mine

All other (occupation not reported, in armed forces, inexperienced, not in labor force)

Detailed marital status (5)

Married more than once, husband present

Separated

Other married, husband absent

Widowed

Divorced

Years in present marriage, for married women, husband present (14)

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10-14,

15-19, 20+, not reported

Urban-rural residence by 1940 Census rules (2)

Same as by 1950 rules

Different

Labor force status of woman (2)

In labor force

Not in labor force

Spanish surname (2)

Spanish

Not Spanish

Reporting of children ever born (2)

Reported in census

Estimate made to replace an unknown

C CARD TABULATIONS: Count 3  
(Fertility Report)

Cards Used:

C cards for women ever married, 15 to 49 years old, with 1 or more children under 5 years old in the household

Areas: United States: Urban, rural nonfarm, rural farm

Sort:

Color; 5-year age groups: 15-19 to 45-49; marital status: Married once, husband present, and other ever married; children under 5 years old: 1, 2, 3, 4, 5 or more

Items Tabulated: Same as in Count 2

F CARD TABULATIONS: Count 1  
(General Families Report)

Cards Used: F cards for primary families and secondary families

Areas:

Each city of 100,000 or more

Each balance of standard metropolitan area of 250,000 or more outside

cities of 100,000 or more: Urban, rural nonfarm, rural farm

Each balance of State inside standard metropolitan areas of less than 250,000, and outside cities of 100,000 or more: Urban, rural nonfarm, rural farm

Each balance of State outside standard metropolitan areas: Urban, rural nonfarm, rural farm

Sort:

Primary families, secondary families

Type of family: Male head, wife present; other family with male head; family with female head

Items Tabulated:

For families with heads of all races, and for families with nonwhite heads:

Size of family (8)

2, 3, 4, 5, 6, 7, 8, 9 or more

Number of family members in labor force (5)

0, 1, 2, 3, 4 or more

Age of family head (4) by own children under 18 years of age (4)

Age under 35, 35-44, 45-64, 65 and over

0, 1, 2, 3 or more own children

Families with male head, married spouse present by age of wife (5), by labor force status of wife (2), by own children under 6 years of age (2)

Age under 25, 25-34, 35-44, 45-64, 65 and over

Wife in labor force, wife not in labor force

Some or none own children under 6 years of age

Families with other than male head, married spouse present, by own children under 6 years of age (2)

For families with heads of all races other than families with male heads, married spouse present:

Marital status of head (5) by own children under 18 years of age (4)

Married, spouse absent, widowed, divorced, separated, never married

0, 1, 2, 3 or more own children under 18 years of age

## PUNCH CARDS AND SUMMARY OUTLINE OF TABULATIONS

## CENSUS OF HOUSING: 1950

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The basic housing tabulations included four series - Series A, Series B, Series C, and the Residential Financing tabulations. Series A provided data on housing characteristics for small geographic areas. Series B and C provided analytical data based on a 20-percent sample of the cards for occupied dwelling units in the United States - nonfarm and farm respectively. The Residential Financing tabulations provided statistics on the financial characteristics of all nonfarm mortgaged residential properties, based on a survey of a sample of the properties enumerated in the Census of Housing.

The Series A tabulations provided the data for Volume I, General Characteristics (Series H-A bulletins) and for Volume V, Block Statistics (Series H-E bulletins). The Series A tabulations also provided the data for the housing portions of Volume III of the Population Reports, Census Tracts (Series P-D bulletins). Series B tabulations provided the data for Volume II, Nonfarm Housing Characteristics (Series H-B bulletins). Series C tabulations were used for Volume III, Farm Housing Characteristics. The Residential Financing tabulations appear in Volume IV.

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Two types of cards were used for the residential financing tabulations. The first type was the basic card punched manually from the schedules with two such cards being used--one for owner-occupied property and the other for rental property. The other card type was the work card reproduced mechanically from the basic card with three separate work cards being used. Most of the data from the basic card were transferred to the respective work card, some of them recoded to save space. The basic card punching volume was 108,000 and the number of reproduced work cards was also 108,000.

H-Housing Card: The housing card was designed to serve as the basic unit record of general statistical information relating to the status, quality, geographical distribution, and characteristics of dwelling units. A total of approximately 46,000,000 H cards was punched for the 1950 Housing Census.

P-H Household Card: This card was designed to serve as the source of both the population and housing data necessary for the Series B and C Housing tabulations. The required population information was transferred mechanically to the P-H cards from selected population head-of-household cards (P cards). These P-H cards were matched to the corresponding H - Housing cards for occupied dwelling units and the required housing characteristics were reproduced. The specimen P-H card shows the various fields derived from the respective P and H cards. Another phase of the P-H card matching operation was the transfer of certain population information from the P-H cards to columns 71-80 of the corresponding H cards. To facilitate the transfer of selected data from the P cards to the H cards, 18,000,000 P-H cards were reproduced, of which 9,000,000 were used in the 1950 Housing Census Series B and C tabulations.

[illegible]

SRF (basic) Card -- Owner-occupied Property: This basic card was the unit used for recording general statistical information relating to characteristics of owner-occupied mortgaged properties. A card was punched for each mortgage reported on each P-51 or P-52 schedule and another to record the total of all mortgages whenever there were 2 or 3 mortgages. A total of 54,000 cards of this type was punched.

[illegible]

SRF (basic) Card -- Rental Property: This card was designed to record data relating to characteristics of mortgaged rental properties. A card was punched to record each mortgage reported on each F-53 schedule and another to record the total of all mortgages whenever 2 or more were reported. A total of 54,000 cards of this type was punched.

SRF Work Card -- Owner Property: This card contained certain information relating to characteristics of owner property reproduced directly from the corresponding basic card. Other data on this card were derived from recoding and computation of information on the basic cards. Computations included weighted debt, taxes per \$1,000 market value, and monthly interest and principal payment. A total of approximately 54,000 cards of this type was reproduced.

SRF Work Card -- Large Rental Property: This card was derived from the basic SRF Rental Properties Cards. Other data were derived by recoding and computation of data on the corresponding basic card. For sampling purposes, properties of 50 or more dwelling units were designated as large properties. Fourteen thousand cards of this type were reproduced.

SRF Work Card-- Small Rental Property: This work card was the unit reproduced for information relating to all small rental property. For sampling purposes, those properties having 49 or fewer dwelling units were designated "small properties." Part of the data were reproduced directly from the corresponding basic cards and the remainder was derived through recoding and computation. Forty thousand cards of this type were reproduced. This work card was identical with the SRF Work Card-- Large Rental Property except for a difference in the color of the cards.



## Series A

The H cards were tabulated in series A tabulations comprising five counts to provide the data presented in Volume I of the reports of the 1950 Census of Housing. These same data are presented in the series H-A housing bulletins which are preprints of the various chapters of Volume I. All of the subjects tabulated on the second count were enumerated and tabulated on the basis of a 20-percent sample of dwelling units. All other tabulations are based on the complete enumeration. Summary cards were prepared on 80-column punch cards for all of the data tabulated in the first, fourth, and fifth counts. They were also prepared from the second count machine sheets for all areas except separate census tracts. Thus, the second count summary cards relate to the same areas as those based on the fourth and fifth counts.

The summary cards from part I of the first count also contain average rent and average value for each city block but do not contain the count of dwelling units with "no hot running water, no private bath, no private toilet, or dilapidated." The summary cards from part I of the first count have been tabulated to obtain the statistics for city blocks within census tracts and wards, as presented in the H-E bulletins. The summary cards from part II of the first count have been tabulated to obtain totals for each minor civil division, and each incorporated and unincorporated place of 1,000 to 2,500.

## FIRST COUNT: Part I

## Cards Used:

H cards for all cities which, in 1940 or in a special census subsequent to 1950, had a population of 50,000 or more.

## Areas: City blocks

## Items Tabulated:

Occupancy and tenure (all dwelling units)(5)  
Total  
Owner occupied  
Renter occupied  
Vacant, nonseasonal not dilapidated, for rent or sale  
Other vacant and nonresident  
Condition and plumbing facilities (all dwelling units)(5)  
Number reporting  
No hot water, no private bath, or dilapidated  
No private bath or dilapidated  
No running water or dilapidated  
Not reported  
Occupied dwelling units(5)  
Total occupied  
Persons per room  
Number reporting  
1.51 or more  
Not reported  
Occupied by nonwhite  
Contract monthly rent for renter-occupied and vacant nonseasonal, not dilapidated units for rent(2)  
Number reporting  
Total rent (dollars)  
Value of one-dwelling-unit structures, owner-occupied, and vacant nonseasonal, not dilapidated, for sale(2)  
Number reporting  
Total value (hundreds of dollars)

## FIRST COUNT: Part II

## Cards Used:

H cards for all areas outside cities which in 1940, or in a special census subsequent to 1950, had a population of 50,000 or more.

## Areas: Enumeration districts

## Items Tabulated:

Occupancy and tenure (all dwelling units)(5)  
Total  
Owner occupied  
Renter occupied  
Vacant nonseasonal, not dilapidated, for rent or sale  
Other vacant and nonresident  
Condition and plumbing facilities (all dwelling units)(3)  
Number reporting  
No private bath or dilapidated  
No running water or dilapidated  
Occupied dwelling units(3)  
Persons per room  
Number reporting  
1.51 or more  
Occupied by nonwhite  
Urban and rural nonfarm(5)  
Total dwelling units  
Contract monthly rent for renter-occupied and vacant nonseasonal, not dilapidated units for rent  
Number reporting  
Total rent (dollars)

Value of one-dwelling-unit structures, owner-occupied, and vacant nonseasonal, not dilapidated, for sale  
Number reporting  
Total value (hundreds of dollars)  
Rural farm(3)  
Total dwelling units  
Owner occupied  
Renter occupied

## SECOND COUNT

(All of the data on this count, except the count of all dwelling units, are based on a 20-percent sample of the units. The results have been uniformly multiplied by a factor of 5 to inflate to total estimates. Even though the separate items are based on a 20-percent sample, it was necessary to tabulate all cards, since the various items were obtained from different samples within the universe.)

## Cards Used: All H cards

## Areas:

Each census tract  
Each untraced urban place of 2,500 or more  
Remainder of each urban fringe by county  
Rural-nonfarm remainder of county  
Rural-farm remainder of county

## Sort:

All cards  
Retabulate cards for nonwhites in the rural-farm areas of the South

## Items Tabulated:

Total dwelling units(1)  
Year built--all dwelling units(7)  
1949 or 1950  
1945 or later  
1940 to 1944  
1930 to 1939  
1920 to 1929  
1919 or earlier  
Not reported  
Electric lighting--all dwelling units(3)  
With electric lights  
No electric lights  
Not reported  
Heating equipment--occupied units(6)  
Central heating  
Piped steam or hot water  
Warm air furnace  
Noncentral heating  
Other means with flue  
Other means without flue  
Not heated  
Not reported  
Heating fuel--occupied units(15)  
Central heating  
Coal or coke  
Wood  
Utility gas  
Bottled gas  
Liquid fuel  
Other fuel  
Not reported  
Noncentral heating  
Coal or coke  
Wood  
Utility gas  
Bottled gas  
Liquid fuel  
Electricity  
Other fuel  
Not reported

In addition to the summary cards for the areas observed in the tabulations, additional cards for the data from the second, fourth, and fifth counts have been prepared for the total of each county, each urbanized area, each standard metropolitan area which comprises other than one entire county, and each State. The summary cards have been tabulated in a series of tabulations designated as stage tabulations to yield the entire content of the basic tabulations for the following areas within each State:

- Stage 1. Rural-farm portion of each county in alphabetical order.  
Stage 2. Rural-nonfarm portion of each county in alphabetical order.  
Stage 3. Urbanized areas in alphabetical order.  
Stage 4. Urban places of 10,000 or more in alphabetical order followed by urban places of 2,500 to 10,000 in alphabetical order followed by the remainder of each urbanized area.  
Stage 5. County totals in alphabetical order.  
Stage 6. Standard metropolitan areas comprising two or more entire counties in alphabetical order. Data for standard metropolitan areas comprising one county are obtained from stage 5.  
Stage 7. Standard metropolitan areas in New England in alphabetical order.

## Refrigeration equipment--occupied units

(5)  
Mechanical  
Ice  
Other  
None  
Not reported  
Radio--occupied units(3)  
With radio  
No radio  
Not reported  
Television--occupied units(3)  
With television  
No television  
Not reported  
Kitchen sink--occupied units(4)  
Kitchen sink, exclusive use  
Kitchen sink, shared  
No kitchen sink  
Not reported  
Cooking fuel--occupied units(9)  
Coal or coke  
Wood  
Utility gas  
Bottled gas  
Liquid fuel  
Electricity  
Other fuel  
None  
Not reported  
Veteran of World War II--occupied units(2)  
Veteran  
Not veteran and not reported

## THIRD COUNT

## Cards Used: H cards for all tracted areas

## Areas: Each census tract

## Sort:

All cards  
Retabulate cards for nonwhites for each census tract with 250 or more nonwhite persons in the South, and each census tract with 250 or more nonwhite persons in a tracted area containing 10,000 or more nonwhite persons in the North and West.  
Retabulate cards for units occupied by white persons with Spanish surname for each census tract with 250 or more such persons in California, Colorado, or Texas.

## Items Tabulated:

Total dwelling units(1)  
Occupancy and race--all dwelling units(6)  
All owner-occupied  
Nonwhite owners  
All renter-occupied  
Nonwhite renters  
Vacant, nonseasonal, not dilapidated, for rent or sale  
Other vacant and nonresident  
Type of structure--all dwelling units(7)  
1-dwelling unit detached (includes trailers)  
1-dwelling unit attached  
1-and 2-dwelling unit semi-detached  
2-dwelling unit, other  
3-and 4-dwelling unit  
5-to 9-dwelling unit  
10-dwelling unit or more

## Condition and plumbing facilities--all

dwelling units(5)  
Not dilapidated, with private toilet and bath and hot running water  
Not dilapidated, with private toilet and bath, and only cold water  
Not dilapidated, no private toilet or bath, with running water  
No running water or dilapidated  
Not reported  
Mortgage status--owner-occupied nonfarm units(3)  
Mortgaged  
Not mortgaged  
Not reported  
Number of persons in unit--occupied units(6)  
1 person  
2 persons  
3 persons  
4 persons  
5 and 6 persons  
7 persons or more  
Persons per room--occupied units(4)  
11.00 or less  
1.01 to 1.50  
1.51 or more  
Not reported  
Value of one dwelling unit structures--nonfarm owner-occupied and vacant nonseasonal, not dilapidated, for sale(10)  
Under \$2,000  
\$2,000 to \$2,999  
3,000 to 3,999  
4,000 to 4,999  
5,000 to 7,499  
7,500 to 9,999  
10,000 to 14,999  
15,000 to 19,999  
20,000 or more  
Not reported  
Contract monthly rent--nonfarm renter-occupied and vacant nonseasonal, not dilapidated, for rent(12)  
Number reporting  
Under \$10  
\$10 to \$14  
15 to 19  
20 to 29  
30 to 39  
40 to 49  
50 to 59  
60 to 74  
75 to 99  
100 or more  
Not reported

## FOURTH COUNT

## Cards Used: All H cards

## Areas:

Each urban place of 2,500 or more  
Remainder of each urban fringe by counties  
Rural-nonfarm remainder of county  
Rural-farm remainder of county  
Sort:  
All cards  
Retabulate cards for nonwhites  
Retabulate cards for whites with Spanish surname in Arizona, California, Colorado, New Mexico, and Texas

## Series A--Con.

FOURTH COUNT--Con.	FIFTH COUNT	Items Tabulated--Con.
Items Tabulated:	Cards Used: All H cards	Gross monthly rent--nonfarm renter-occupied (13)
Total dwelling units (1)	Areas:	Under \$10
Water supply (all dwelling units) (5)	Each urban place of 2,500 or more	\$10 to \$14
Hot and cold piped running water	Remainder of each urban fringe by counties	15 to 19
inside structure	Rural-nonfarm remainder of county	20 to 24
Only cold piped running water	Rural-farm remainder of county	25 to 29
inside structure		30 to 34
Piped running water outside structure		35 to 39
No piped running water		40 to 49
Not reported	Sort:	50 to 59
Toilet facilities--all dwelling units (5)	Occupancy and tenure--owner-occupied; renter-occupied; vacant nonseasonal, not dilapidated, for rent or sale; other vacant and nonresident	60 to 74
Flush toilet inside structure, exclusive use	Retabulate cards for nonwhites in the South	75 to 99
Flush toilet inside structure, shared	Retabulate cards for whites with Spanish surname in Arizona, California, Colorado, New Mexico, and Texas	100 or more
Other toilet facilities (including privy)		Rent free or not reported
No toilet		Gross monthly rent--nonfarm renter-occupied with no hot water, no private bath, no private toilet, or dilapidated (11)
Not reported		Under \$10
Bathing facilities--all dwelling units (4)	Items Tabulated:	\$10 to \$14
Installed bathtub or shower, exclusive use	Total dwelling units (1)	15 to 19
Installed bathtub or shower, shared	Type of structure--all dwelling units (10)	20 to 24
No bathtub or shower	1-dwelling unit detached	25 to 29
Not reported	1-dwelling unit attached	
Persons per room--owner-occupied (5)	1-and-2-dwelling unit semidetached	Contract monthly rent--nonfarm vacant, nonseasonal, not dilapidated, for rent (14)
0.75 or less	2-dwelling unit other	Under \$10
0.76 to 1.00	3-and-4-dwelling unit	\$10 to \$14
1.01 to 1.50	5-to-9-dwelling unit	15 to 19
1.51 or more	10-to-19-dwelling unit	20 to 24
Not reported	20-to-49-dwelling unit	25 to 29
Persons per room--renter-occupied (5)	50-dwelling unit or more	30 to 34
0.75 or less	Trailers	35 to 39
0.76 to 1.00	Number of rooms--all dwelling units (10)	Not reported
1.01 to 1.50	1 room	Condition and plumbing facilities--vacant and nonresident units (7)
1.51 or more	2 rooms	Not dilapidated:
Not reported	3 rooms	With private toilet and bath, and hot running water
Condition and plumbing facilities--owner-occupied (7)	4 rooms	With private toilet and bath, and only cold water
Not dilapidated:	5 rooms	With running water, lacking private toilet or bath
With private toilet and bath, and hot running water	6 rooms	No running water
With private toilet and bath, and only cold water	7 rooms	Dilapidated:
With running water, lacking private toilet or bath	8 rooms	With private toilet and bath, and hot running water
No running water	9 rooms or more	Lacking hot water, private toilet or bath
Dilapidated:	Not reported	Not reported
With private toilet and bath, and hot running water	Number of persons in dwelling unit--occupied units (10)	Status--vacant and nonresident (6)
With private toilet and bath, and only cold water	1 person	Nonseasonal, not dilapidated, for rent
Lacking hot water, private toilet or bath	2 persons	Nonseasonal, not dilapidated, for sale only
Not reported	3 persons	Nonseasonal, not dilapidated, not for rent or sale
Condition and plumbing facilities--renter-occupied (7)	4 persons	Nonseasonal, dilapidated
Not dilapidated:	5 persons	Seasonal
With private toilet and bath, and hot running water	6 persons	Nonresident dwelling units
With private toilet and bath, and only cold water	7 persons	
With running water, lacking private toilet or bath	8 persons	
No running water	9 persons	
Dilapidated:	10 persons or more	
With private toilet and bath, and hot running water	Mortgage status (1-4 dwelling unit structures without business, nonfarm)(3)	
Lacking hot water, private toilet or bath	Mortgaged	
Not reported	Not mortgaged	
Tenure and race (6)	Not reported	
Owner-occupied:	Farm residence--all dwelling units (2)	
White	Farm	
Negro	Nonfarm	
Other races	Value of one-dwelling unit structures--nonfarm owner-occupied, and vacant nonseasonal, not dilapidated, for sale (11)	
Renter-occupied:	Under \$2,000	
White	\$2,000 to \$2,999	
Negro	3,000 to 3,999	
Other races	4,000 to 4,999	
Contract monthly rent--nonfarm renter-occupied (14)	5,000 to 5,999	
Under \$10	6,000 to 7,499	
\$10 to \$14	7,500 to 9,999	
15 to 19	10,000 to 14,999	
20 to 24	15,000 to 19,999	
25 to 29	20,000 or more	
30 to 34	Not reported	
35 to 39	Value of one-dwelling unit structures--nonfarm owner-occupied units with no hot water, no private bath, no private toilet, or dilapidated (11)	
	Under \$2,000	
	\$2,000 to \$2,999	
	3,000 to 3,999	
	4,000 to 4,999	
	5,000 to 5,999	
	6,000 to 7,499	
	7,500 to 9,999	
	10,000 to 14,999	
	15,000 to 19,999	
	20,000 or more	
	Not reported	

## Series B

In Series B housing tabulations, all nonfarm F-H cards for occupied dwelling units in the United States were tabulated on the Universal Automatic Computer (UNIVAC) to provide analytical data for all standard metropolitan areas, for all cities of 100,000 or more population, for each of the census divisions, and for the United States. For the divisions and for the United States, data were tabulated for dwelling units inside standard metropolitan areas, urban dwelling units outside standard metropolitan areas, and rural dwelling units outside standard metropolitan areas. The tabulation was run in

5 counts (2 owner, 3 renter). The tabulations for each of the 5 counts and the classifications used for each item are shown below. The P-I cards represent a sample of approximately 20 percent of the occupied dwelling units. However, the data covering year built, television, and heating equipment were based on a 4-percent sample since these items were originally enumerated on a 20-percent basis. Within a count an item may appear more than once depending on the cross-classification. The financial characteristics for owners relate to one-dwelling unit structures on one-dwelling unit properties.

## Tabulations

OWNERS - COUNT 1	OWNERS - COUNT 2--Con.	RENTER - COUNT 2	RENTER - COUNT 3
Family income by	Type of household by	Condition and plumbing by	Condition and plumbing by
Condition and plumbing	Persons per room	Contract rent	Gross rent as percent of family income
Type of household	Number of rooms by	Family income	Type of household
Number of persons	Type of household	Gross rent	Number of persons
Persons per room	Number of persons <sup>2</sup>	Heating equipment	Number of rooms
Number of rooms	Sex and age of head of household	Veteran status	Sex and age of head of household
Sex and age of head of household <sup>1</sup>	Type of structure	Year built	Type of structure
Value by	Year built	Contract rent by	Contract rent by
Condition and plumbing	Sex and age of head of household by	Heating equipment	Number of rooms
Family income	Number of persons	Number of persons	Television
Heating equipment	Type of household	Type of structure	Year built
Type of household	Value by	Veteran status	Gross rent by
Number of persons	Veteran status	Family income by	Gross rent as percent of family income
Number of rooms	Type of structure by	Type of household	Number of rooms
Type of structure	Heating equipment	Number of persons	Type of structure
Sex and age of head of household	Type of household	Persons per room	Year built
Television	Sex and age of head of household	Gross rent by	Gross rent as percent of family income by
Year built	Year built	Type of household	Family income <sup>1</sup>
		Number of rooms <sup>1</sup>	Type of household
		Veteran status	Number of persons
			Persons per room
			Sex and age of head of household
			Type of structure
			Type of household by
			Sex and age of head of household
			Number of rooms by
			Number of persons <sup>2</sup>
			Year built
			Type of structure by
			Heating equipment
			Type of household

### Classifications Used for Items

CONDITION AND PLUMBING FACILITIES		GROSS RENT AS PERCENTAGE OF INCOME		NUMBER OF PERSONS		TYPE OF STRUCTURE	
Not dilapidated		Less than 10 percent		1 person	5 persons	1-dwelling unit, detached	
With private toilet and bath and hot running water		10 to 14 percent		2 persons	6 persons	Other 1- and 2-dwelling unit	
		15 to 19 percent		3 persons	7 persons	3- and 4-dwelling unit	
With private toilet and bath and only cold water		20 to 29 percent		4 persons	or more	5- to 9-dwelling unit	
With hot running water, lacking private toilet or bath		30 percent or more				10- to 19-dwelling unit	
With only cold running water, lacking private toilet or bath		Not available				20-dwelling unit or more	
No running water							
		TYPE OF HOUSEHOLD		PERSONS PER ROOM		TELEVISION	
		Husband-wife families, no nonrelatives		0.75 or less		With television	
		2 persons		0.76 to 1.00		Without television	
		3 persons		1.01 or more		Not reported	
		4 persons		Not reported			
Dilapidated		5 persons or more					
With private toilet and bath and hot running water		Other family groups, no nonrelatives					
Lacking hot water, private toilet, or bath		1-person households					
		Households with nonrelatives					
				NUMBER OF ROOMS		VALUE	
Condition or plumbing facilities not reported				1 room	7 rooms	Under \$1,000	\$6,000 to \$7,499
				2 rooms	8 rooms	\$1,000 to \$1,999	\$7,500 to \$9,999
				3 rooms	9 rooms	\$2,000 to \$2,999	\$10,000 to \$14,999
				4 rooms	10 rooms	\$3,000 to \$3,999	\$15,000 to \$19,999
				5 rooms	or more	\$4,000 to \$4,999	\$20,000 or more
				6 rooms	Not reported	\$5,000 to \$5,999	Not reported
		HEATING EQUIPMENT				VALUE-INCOME RATIO	
		Central heating					
		Piped steam or hot water					
		Warm air furnace					
		Noncentral heating, with flue					
		Noncentral heating, without flue; or not heated					
		Not reported					
CONTRACT MONTHLY RENT				SEX AND AGE OF HEAD OF HOUSEHOLD			
Less than \$10	\$40 to \$49					Less than 1.0	2.0 to 2.9
\$10 to \$14	\$50 to \$59					1.0 to 1.4	3.0 or more
\$15 to \$19	\$60 to \$74			Male head, wife present, no nonrelatives		1.5 to 1.9	Not available
\$20 to \$24	\$75 to \$99			Under 35 years			
\$25 to \$29	\$100 or more			35 to 44 years			
\$30 to \$34	Rent-free or not reported			45 to 54 years			
\$35 to \$39				55 to 64 years			
				65 years and over			
		INCOME				VETERAN STATUS	
		Under \$500	\$4,000 to \$4,999			Veteran of World War II	
		\$500 to \$999	\$5,000 to \$5,999			Veteran of World War I only	
		\$1,000 to \$1,499	\$6,000 to \$6,999	Other male head		Not a veteran of WW I or WW II	
		\$1,500 to \$1,999	\$7,000 to \$9,999	Under 45 years		Not reported	
		\$2,000 to \$2,499	\$10,000 or more	45 to 64 years			
		\$2,500 to \$2,999	Not reported	65 years and over			
		\$3,000 to \$3,999					
GROSS MONTHLY RENT						YEAR BUILT	
Less than \$10	\$40 to \$49			Female head			
\$10 to \$14	\$50 to \$59			Under 45 years		1945 or later	1939 or earlier
\$15 to \$19	\$60 to \$74			45 to 64 years		1940 to 1944	Not reported
\$20 to \$24	\$75 to \$99			65 years and over			
\$25 to \$29	\$100 or more						
\$30 to \$34	Rent-free or not reported						
\$35 to \$39							

<sup>1</sup>Also tabulated separately for units which are either dilapidated or do not have all of the following plumbing facilities: Flush toilet and bath inside the structure for the unit's exclusive use, and hot running water.

<sup>2</sup> Tabulated for each number up to 10 or more.

## SUMMARY OUTLINE OF TABULATIONS--CENSUS OF HOUSING: 1950--Con.

## Series C

In Series C housing tabulations, all rural-farm P-H cards for occupied dwelling units in the United States were tabulated to provide analytical data for all races for each of the 119 economic subregions in the United States and for the United States total. Data for dwelling units occupied by nonwhite households were tabulated for 36 specified economic subregions and for the nonwhite balance for the United States which were combined

to give United States totals. The tabulations, run in 2 counts, are shown below. Each count was run in 2 parts; part 1 included all the cards, and part 2 included only the nonwhite cards. The P-H cards represent a sample of approximately 20-percent of the occupied dwelling units. However, items indicated by an asterisk (\*) were based on a 4-percent sample since the items were originally enumerated on a 20-percent basis.

## FIRST COUNT

**Cards Used:**  
All rural-farm P-H cards for occupied dwelling units in the United States

**Areas:**  
Each of the 119 economic subregions in the United States and the United States total

**Sort:**  
Tenure (owner, renter, rent free) by number of rooms (total, 1 and 2, 3 and 4, 5 and 6, 7 rooms or more, and not reported)

**Tabulations:**  
Part I: All races  
Part II: Nonwhite for 36 selected economic subregions and U. S. total

**Items Tabulated:**  
Total dwelling units (1)  
Year built\* (6)  
1945 or later  
1940 to 1944  
1930 to 1939  
1920 to 1929  
1919 or earlier  
Not reported

**Condition and plumbing facilities (11)**  
Not dilapidated  
With private toilet and bath, and hot running water  
With private toilet and bath, and only cold water  
With running water and private toilet, lacking private bath  
With running water and private bath, lacking private toilet  
With running water, lacking both private toilet and bath  
No running water  
With kitchen sink\*

**Dilapidated**  
With private toilet and bath, and hot running water  
With running water, lacking private toilet or bath  
No running water  
With kitchen sink\*

**Kitchen sink not reported**  
Condition or plumbing facilities not reported

**Heating fuel\* (11)**  
Central heating  
Coal  
Wood  
Utility and bottled gas  
Liquid fuel  
Other fuel or not reported

**Noncentral heating**  
Coal  
Wood  
Utility and bottled gas  
Liquid fuel  
Other fuel or not reported

**Not heated or heating equipment not reported**

**Cooking fuel\* (7)**  
Coal  
Wood  
Utility gas  
Bottled gas  
Liquid fuel  
Electricity  
Other fuel, none, or not reported

**Number of persons (7)**  
1 person  
2 persons  
3 persons  
4 persons  
5 persons  
6 persons  
7 persons or more

**Persons per room (3)**  
1.00 or less  
1.01 or more  
Not reported

**Sex and age of head of household (11)**  
Male head, wife present, no nonrelatives  
Under 35 years  
35 to 44 years  
45 to 54 years  
55 to 64 years  
65 years and over

**Other male head**  
Under 45 years  
45 to 64 years  
65 years and over

**Female head**  
Under 45 years  
45 to 64 years  
65 years and over

## SECOND COUNT

**Cards Used:**  
All rural-farm P-H cards for occupied dwelling units in the United States

**Areas:**  
Each of the 119 economic subregions in the United States and the United States total

**Sort:**  
Tenure (total, owner, renter)  
Condition and plumbing facilities, total  
Not dilapidated  
Total  
With private toilet and bath, and hot running water  
With private toilet and bath, and only cold water  
With running water and private toilet, lacking private bath  
With running water and private bath, lacking private toilet  
With running water, lacking both private toilet and bath  
No running water  
Dilapidated  
Total  
With private toilet and bath, and hot running water  
With running water, lacking private toilet or bath  
No running water  
Condition or plumbing facilities not reported

**Tabulations:**  
Part I: All races  
Part II: Nonwhite for 36 selected economic subregions and United States total

**Items Tabulated:**  
Total dwelling units (1)  
Number of rooms, by year built\* (13)  
1940 or later  
1 and 2 rooms  
3 rooms  
4 rooms  
5 rooms  
6 rooms or more  
Not reported

**1939 or earlier**  
1 and 2 rooms  
3 rooms  
4 rooms  
5 rooms  
6 rooms or more  
Not reported  
Year built not reported

**Electric lighting\* (3)**  
With electric lighting  
Without electric lighting  
Not reported

**Heating equipment\* (6)**  
Central heating  
Piped steam or hot water  
Warm air furnace  
Noncentral heating, with flue  
Noncentral heating, without flue  
Not heated  
Not reported

**Type of household (7)**  
Husband-wife families, no nonrelatives  
2 persons  
3 persons  
4 persons  
5 persons or more  
Other family groups, no nonrelatives  
One-person households  
Households with nonrelatives

**Income in 1949 (10)**  
Less than \$1,000  
\$1,000 to \$1,999  
\$2,000 to \$2,999  
\$3,000 to \$3,999  
\$4,000 to \$4,999  
\$5,000 to \$5,999  
\$6,000 to \$6,999  
\$7,000 to \$9,999  
\$10,000 or more  
Not reported

## RESIDENTIAL FINANCING TABULATIONS

The tabulations for residential financing were of two types -- the basic, consisting of four sets of tabulations, and the analytical, comprising 14 sets of tabulations. The analytical series were designed to provide more crossclassifications of data but with less area coverage. The summary outlines are not shown for these tabulations because of space limitations. The data tabulated relate to: type of mortgage holder, outstanding debt, interest rate, term of the mortgage, annual mortgage payments, characteristics of the owner, purchase price, items included in mortgage payments, and the purpose of financing and refinancing.

## 1. Basic Tabulations

For each set of basic tabulations, the cards were run for each of the 25 selected standard metropolitan areas, for the remaining standard metropolitan areas combined in each region, and for the balance of each region outside standard metropolitan areas. Summary cards were automatically cut during these runs and were used in making the tabulations for each of the four regions and the United States summaries.

Prior to the tabulations the detail cards for each geographic area were sorted into two basic groups (owner-occupied properties and rental properties). The owner-occupied properties were subdivided into two dwelling unit groups (1 dwelling unit and 2-4 dwelling units) and the rental group was subdivided into four dwelling unit groups (1 dwelling unit, 2-4 dwelling units, 5-49 dwelling units and 50 or more dwelling units). Both detail and summary tabulations were prepared separately for each of the above six tenure-size groups.

For each of the six groups, various mortgage characteristics were crossclassified by a number of subject items (e.g., type of mortgage holder, amount of mortgage, outstanding debt, origin and purpose of first mortgage). A total of 60 subject items were crossclassified for the 4 sets of tabulations with the number of subjects varying for each set. Within each of the six sort groups, the tabulations also varied as to subject item and as to detail within the subject item.

## 2. Analytical Tabulations

For the analytical tabulations, the detail cards were sorted for total territory inside and outside standard metropolitan areas, by government insurance status, by tenure-size group (a total of 36 sort groups). In this series no tabulations were made for specific metropolitan areas. Summary cards were prepared from the detail cards for each sort group, and were tabulated, in general, for United States totals, for territory inside and outside standard metropolitan areas, and for each government insurance status group (FHA, VA, and conventional mortgage), by tenure-size group (total owner, total renter; owner--1, 2-4 dwelling unit properties; rental--1, 2-4, 5-49, 50 or more dwelling unit properties). Some of the subject items and tabulations were restricted to specified types of properties or mortgages. The subjects for 3 of the sets of the analytical tabulations were further sorted for type of mortgage holder and tabulated separately for all lenders, for individual lenders, for combined major institutional lenders, for each of the six major institutional lenders. In addition, certain subjects were further sorted for year property acquired and for new structures.

## PUNCH CARDS AND SUMMARY OUTLINE OF TABULATIONS

## CENSUS OF AGRICULTURE: 1950

The tabulations for the Census of Agriculture consisted of two basic data series--tabulations for counties, including in some cases, data for minor civil divisions and tabulations for economic areas or regions. Shown below for each tabulation are the detail tabulation number, the punch cards included, the geographic areas selected, sorts, the items tabulated, and the summary tabulation numbers with the data necessary to understand the variations from the detail runs. "Areas" and "Sort" indicate the arrangement into which the cards were grouped prior to tabulation. Examples of geographic areas are counties and economic regions; examples of sorts are color-tenure of operator, economic class of farm, irrigation, size of farm, type of farm, large farms and farms in sample, and minor civil divisions. In section "Items Tabulated" are listed the items for which counts or totals were obtained within each of the sort groups established. The summary cards, which were automatically punched as the detail tabulations were run, were tabulated on summary tabulation sheets.

These summary tabulations were made in order to obtain sort group totals within specified geographic areas more simply. By using the resulting smaller deck of summary cards, combinations of groups were obtainable more efficiently and economically. These summary tabulations, together with those basic tabulations for which summaries were not necessary, comprised the data which, with analysis and further consolidation, formed the basis for the published material.

More than 250 tabulations were required to tabulate the 1950 Census of Agriculture. These include 57 detail and 19 summary tabulations for the county series and 79 detail and 103 summary tabulations for the economic area series.

Shown below are the sort groups most frequently used, the punch cards used, and the summary outline of tabulations. The following abbreviations are used in the outline: "Co" for County, "E.R." for Economic Region or Area, and "F.R." for Farms Reporting.

## SORT GROUPS

Color-Tenure of Operator

<u>Color</u>	<u>Tenure</u>
White	Full owner
Negro	Part owner
Other	Manager
	Cash tenant
	Share - cash tenant
	Crop - share tenant
	Livestock - share tenant
	Cropper
	Other tenant
	Unspecified tenant

Economic Class of Farm (Used in full for large farms and farms in sample only. Non-sample, non-large farms were coded either "commercial" or "other.")

Commercial:

Group I	Total Value of Products \$25,000 and over
Group II	Total Value of Products \$10,000 to \$24,999
Group III	Total Value of Products \$5,000 to \$9,999
Group IV	Total Value of Products \$2,500 to \$4,999
Group V	Total Value of Products \$1,200 to \$2,499
Group VI	Total Value of Products \$250 to \$1,199 with less than 100 days work off farm and income from other sources not exceeding value of agricultural products.

Other:

- Part-time (Total value of products \$250 - \$1,199 with less than 100 days work off farm and income from other sources exceeding value of agricultural products, or total value of products, \$250 - \$1,199 with 100 or more days work off farm.)
- Residential (Total value of products less than \$250.)
- Abnormal (Institutional and experimental farms; those not operated in 1949; incomplete reports, etc.)

Irrigation (For 17 "Western" States and Arkansas, Louisiana, and Florida)

- Cropland wholly irrigated
- Cropland partly irrigated
- No cropland irrigated, but other land irrigated

Size of Farm

0 - 9 acres	140 - 179 acres
10 - 29 acres	180 - 219 acres
30 - 49 acres	220 - 259 acres
50 - 69 acres	260 - 499 acres
70 - 99 acres	500 - 999 acres
100 - 139 acres	1,000 acres and over

Type of Farm (For large farms and farms in sample only)

Vegetable	Dairy
Fruit and nut	Poultry
Cotton	Livestock specialty
Other special crops	General livestock
Cash - grain	General crop and livestock
General crop	Miscellaneous and unclassified

Large Farms and Farms in Sample

- Large farms (Total value of products sold or to be sold \$70,000 or more, acreage and livestock criteria vary with section of country)
- Sample farms (Farms included in the sample)

Thirteen basic punch card types, containing information from the A-1, "Agriculture Questionnaire," were used for tabulating the 1950 Census of Agriculture. A total of 58,211,000 cards were

punched for these 13 card types. There was no card type D used for this census.

A EAST		STATE	COUNTY	MINOR CIVIL DIVISION	QUESTION-NAIRE NUMBER	COLOR	TENURE	SIZE	TYPE	AGE OF OPERATOR	LAND OWNED (ACRES)	LAND RENTED FROM OTHERS (ACRES)	LAND IN FARMS (ACRES)										TOTAL	IRRIGATED LAND (ACRES)	TOTAL	SPRINKLER																																																					
													CROPLAND					WOODLAND		OTHER PASTURE		OTHER LAND					TOTAL	SPRINKLER																																																			
													TOTAL	HARVESTED	PASTURED	OTHER	PASTURED	NOT PASTURED	PASTURED	NOT PASTURED	PASTURED	NOT PASTURED							PASTURED	NOT PASTURED																																																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

A (East) - Land in Farms: This card was punched for every questionnaire from 29 "Eastern" States on which Section VI, "Irrigation in 1949," consisted of only 2 questions. Acres of land owned and rented, total land in farm and its uses, answers to the two irrigation questions, and miscellaneous information about the farm operator were also recorded. The A card was the only card punched for all questionnaires. Approximately 5,424,000 cards, A (East) and A (West) Section 1, were punched, of which 3,705,000 were A (East) cards.

A WEST		STATE	COUNTY	MINOR CIVIL DIVISION	QUESTION-NAIRE NUMBER	COLOR	TENURE	SIZE	TYPE	AGE OF OPERATOR	LAND OWNED (ACRES)	LAND RENTED FROM OTHERS (ACRES)	LAND IN FARMS (ACRES)										TOTAL	IRRIGATED LAND (ACRES)	TOTAL	SPRINKLER																																																					
													CROPLAND					WOODLAND		OTHER PASTURE		OTHER LAND					TOTAL	SPRINKLER																																																			
													TOTAL	HARVESTED	PASTURED	CULTIVATED FALLOW	OTHER	PASTURED	NOT PASTURED	PASTURED	NOT PASTURED	PASTURED							NOT PASTURED																																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

A (West) - Land in Farms - Irrigation: This was a dual purpose card punched from questionnaires for 20 "Western" States which had Section VI, "Irrigation in 1949," consisting of questions 222 through 229. For this card, Florida, Arkansas, and Louisiana fell in the category of "Western" States as questionnaires for these States contained the enlarged irrigation section. This card form was used for two purposes:

- (a) To record acres of land owned and rented, total land in farm and its use, and miscellaneous information about the farm operator. When used for this purpose, it was referred to as Section 1 and the headings on the top of

## A (West) - Land in Farms - Irrigation--Con.

the card were applicable. In this use, it was almost identical to the A (East) card except that it contained no irrigation information and had one additional land use field. One A (West)-Section 1 card was punched for every questionnaire from the 20 "Western" States. Approximately 1,719,000 A (West)-Section 1 cards were punched for these States.

- (b) To record acres of irrigated land and its use, source of irrigation, acres irrigated by supplemental source and acres irrigated by sprinkler. When used for this purpose, it was referred to as A (West)-Section 2 card and the headings in the center of the card were applicable. An A (West)-Section 2 card was punched only if the irrigation code block in the center of the questionnaire was coded with a digit "1", "2", or "3", representing, respectively, cropland harvested wholly irrigated, cropland harvested partly irrigated, and farms with irrigation by no irrigated cropland harvested. Approximately 316,000 A (West)-Section 2 cards were punched.

B	STATE	COUNTY	MINOR CIVIL DIVISION	QUESTION-NAIRE NUMBER	COLOR	TENURE	LAND OWNED		MORTGAGE DEBT	TAXES		LAND RENTED FROM OTHERS OR MANAGED FOR OTHERS		CASH RENT PAID	LAND RENTED TO OTHERS		TOTAL LAND (ACRES)	CROPLAND HARVESTED (ACRES)
							ACRES	VALUE OF LAND AND BUILDINGS		AMOUNT	TOTAL	REAL ESTATE	ACRES		VALUE OF LAND AND BUILDINGS	ACRES		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(326)	(326A)	(327)	(328)	(328A)	(329 OR 331)	(329A OR 331A)	(330)	(332)	(332A)	(7)	(C.L.H.)
CENSUS OF AGRICULTURE--1950																		

B - Land Valued, Mortgage, Taxes, Rent - Sample and Large Farms Only: A "B" card was punched for every sample and large farm questionnaire. It was used to record acres and value of land owned, managed, rented from others or to others, mortgage debt, taxes, and rent. About 1,148,000 "B" cards were punched.

C	STATE	COUNTY	MINOR CIVIL DIVISION	QUESTION-NAIRE NUMBER	COLOR	TENURE	CORN OR SORGHUMS HARVESTED FOR ALL PURPOSES												VALUE OF SALES
							ITEM C-018 S-024	TOTAL IN ACRES	ACRES	PRODUCTION	ACRES	PRODUCTION	ACRES	PRODUCTION	ACRES	PRODUCTION	ACRES	PRODUCTION	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
CENSUS OF AGRICULTURE--1950																			

C - Corn and Sorghums: A "C" card was punched for questionnaires on which entries appeared in Section III, "Crops," under the subsections for "Corn" or "Sorghums." If entries appeared in both subsections, two cards were punched, one for "Corn" and one for "Sorghums." A total of 3,744,000 cards were punched, 3,417,000 cards for corn and 327,000 for sorghums.

E	STATE	COUNTY	MINOR CIVIL DIVISION	QUESTION-NAIRE NUMBER	COLOR	TENURE	CORN OR SORGHUMS HARVESTED FOR ALL PURPOSES												VALUE OF SALES
							ITEM C-018 S-024	TOTAL IN ACRES	ACRES	PRODUCTION	ACRES	PRODUCTION	ACRES	PRODUCTION	ACRES	PRODUCTION	ACRES	PRODUCTION	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
CENSUS OF AGRICULTURE--1950																			

E - All Crops Except Corn and Sorghums: An "E" card was punched for questionnaires on which entries appeared anywhere in Section III, "Crops," (except in the subsections for "Corn" and "Sorghums"), and in the subsection for "Tree Fruits, Nuts, and Grapes" (except for California questionnaires). It was designed to record information for three crops on one card. A number of "E" cards could be punched from one questionnaire, depending upon the number of crops for which entries were made. Thus, 29,459,000 "E" cards were punched.



F	STATE	COUNTY	MINOR CIVIL DIVISION	QUESTION-NAIRE NUMBER	COLOR	TENURE	SIZE	CLASS	TYPE	ITEM	ACRES	TREES NOT OF BEARING AGE	TREES OF BEARING AGE	PRODUCTION	ITEM	ACRES	TREES NOT OF BEARING AGE	TREES OF BEARING AGE	PRODUCTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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F - Tree Fruits and Nuts (California Only): An "F" card was punched only for California questionnaires which had any entries under Section III, "Crops," in the subsection for "Tree Fruits, Nuts, and Grapes." It was used to record information about acreage, trees, and production for fruit and nut crops. Entries for two crops could be punched on one card. There were 288,000 "F" cards punched.

G	STATE	COUNTY	MINOR CIVIL DIVISION	QUESTION-NAIRE NUMBER	COLOR	TENURE	SIZE	CLASS	TYPE	IRRIGATION	VALUE OF STANDING TIMBER SOLD	FIREWOOD CUT (CORDS)	FENCE POSTS CUT (NUMBER)	SAWLOGS AND VENEER LOGS CUT (BD. FT.)	PULPWOOD CUT (CORDS)	PILING AND POLES CUT (NUMBER)	VALUE OF FIREWOOD LOGS, ETC. SOLD	VALUE OF OTHER FOREST PRODUCTS SOLD	MAPLE TREES AND SIRUP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)	(as)	(at)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(ba)	(bb)	(bc)	(bd)	(be)	(bf)	(bg)	(bh)	(bi)	(bj)	(bk)	(bl)	(bm)	(bn)	(bo)	(bp)	(bq)	(br)	(bs)	(bt)	(bu)	(bv)	(bw)	(bx)	(by)	(bz)	(ca)	(cb)	(cc)	(cd)	(ce)	(cf)	(cg)	(ch)	(ci)	(cj)	(ck)	(cl)	(cm)	(cn)	(co)	(cp)	(cq)	(cr)	(cs)	(ct)	(cu)	(cv)	(cw)	(cx)	(cy)	(cz)	(da)	(db)	(dc)	(dd)	(de)	(df)	(dg)	(dh)	(di)	(dj)	(dk)	(dl)	(dm)	(dn)	(do)	(dp)	(dq)	(dr)	(ds)	(dt)	(du)	(dv)	(dw)	(dx)	(dy)	(dz)	(ea)	(eb)	(ec)	(ed)	(ee)	(ef)	(eg)	(eh)	(ei)	(ej)	(ek)	(el)	(em)	(en)	(eo)	(ep)	(eq)	(er)	(es)	(et)	(eu)	(ev)	(ew)	(ex)	(ey)	(ez)	(fa)	(fb)	(fc)	(fd)	(fe)	(ff)	(fg)	(fh)	(fi)	(fj)	(fk)	(fl)	(fm)	(fn)	(fo)	(fp)	(fq)	(fr)	(fs)	(ft)	(fu)	(fv)	(fw)	(fx)	(fy)	(fz)	(ga)	(gb)	(gc)	(gd)	(ge)	(gf)	(gg)	(gh)	(gi)	(gj)	(gk)	(gl)	(gm)	(gn)	(go)	(gp)	(gq)	(gr)	(gs)	(gt)	(gu)	(gv)	(gw)	(gx)	(gy)	(gz)	(ha)	(hb)	(hc)	(hd)	(he)	(hf)	(hg)	(hh)	(hi)	(hj)	(hk)	(hl)	(hm)	(hn)	(ho)	(hp)	(hq)	(hr)	(hs)	(ht)	(hu)	(hv)	(hw)	(hx)	(hy)	(hz)	(ia)	(ib)	(ic)	(id)	(ie)	(if)	(ig)	(ih)	(ii)	(ij)	(ik)	(il)	(im)	(in)	(io)	(ip)	(iq)	(ir)	(is)	(it)	(iu)	(iv)	(iw)	(ix)	(iy)	(iz)	(ja)	(jb)	(jc)	(jd)	(je)	(jf)	(jg)	(jh)	(ji)	(jj)	(jk)	(jl)	(jm)	(jn)	(jo)	(jp)	(jq)	(jr)	(js)	(jt)	(ju)	(jv)	(jw)	(jx)	(jy)	(jz)	(ka)	(kb)	(kc)	(kd)	(ke)	(kf)	(kg)	(kh)	(ki)	(kj)	(kk)	(kl)	(km)	(kn)	(ko)	(kp)	(kq)	(kr)	(ks)	(kt)	(ku)	(kv)	(kw)	(kx)	(ky)	(kz)	(la)	(lb)	(lc)	(ld)	(le)	(lf)	(lg)	(lh)	(li)	(lj)	(lk)	(ll)	(lm)	(ln)	(lo)	(lp)	(lq)	(lr)	(ls)	(lt)	(lu)	(lv)	(lw)	(lx)	(ly)	(lz)	(ma)	(mb)	(mc)	(md)	(me)	(mf)	(mg)	(mh)	(mi)	(mj)	(mk)	(ml)	(mm)	(mn)	(mo)	(mp)	(mq)	(mr)	(ms)	(mt)	(mu)	(mv)	(mw)	(mx)	(my)	(mz)	(na)	(nb)	(nc)	(nd)	(ne)	(nf)	(ng)	(nh)	(ni)	(nj)	(nk)	(nl)	(nm)	(nn)	(no)	(np)	(nq)	(nr)	(ns)	(nt)	(nu)	(nv)	(nw)	(nx)	(ny)	(nz)	(oa)	(ob)	(oc)	(od)	(oe)	(of)	(og)	(oh)	(oi)	(oj)	(ok)	(ol)	(om)	(on)	(oo)	(op)	(oq)	(or)	(os)	(ot)	(ou)	(ov)	(ow)	(ox)	(oy)	(oz)	(pa)	(pb)	(pc)	(pd)	(pe)	(pf)	(pg)	(ph)	(pi)	(pj)	(pk)	(pl)	(pm)	(pn)	(po)	(pp)	(pq)	(pr)	(ps)	(pt)	(pu)	(pv)	(pw)	(px)	(py)	(pz)	(qa)	(qb)	(qc)	(qd)	(qe)	(qf)	(qg)	(qh)	(qi)	(qj)	(qk)	(ql)	(qm)	(qn)	(qo)	(qp)	(qq)	(qr)	(qs)	(qt)	(qu)	(qv)	(qw)	(qx)	(qy)	(qz)	(ra)	(rb)	(rc)	(rd)	(re)	(rf)	(rg)	(rh)	(ri)	(rj)	(rk)	(rl)	(rm)	(rn)	(ro)	(rp)	(rq)	(rr)	(rs)	(rt)	(ru)	(rv)	(rw)	(rx)	(ry)	(rz)	(sa)	(sb)	(sc)	(sd)	(se)	(sf)	(sg)	(sh)	(si)	(sj)	(sk)	(sl)	(sm)	(sn)	(so)	(sp)	(sq)	(sr)	(ss)	(st)	(su)	(sv)	(sw)	(sx)	(sy)	(sz)	(ta)	(tb)	(tc)	(td)	(te)	(tf)	(tg)	(th)	(ti)	(tj)	(tk)	(tl)	(tm)	(tn)	(to)	(tp)	(tq)	(tr)	(ts)	(tt)	(tu)	(tv)	(tw)	(tx)	(ty)	(tz)	(ua)	(ub)	(uc)	(ud)	(ue)	(uf)	(ug)	(uh)	(ui)	(uj)	(uk)	(ul)	(um)	(un)	(uo)	(up)	(uq)	(ur)	(us)	(ut)	(uu)	(uv)	(uw)	(ux)	(uy)	(uz)	(va)	(vb)	(vc)	(vd)	(ve)	(vf)	(vg)	(vh)	(vi)	(vj)	(vk)	(vl)	(vm)	(vn)	(vo)	(vp)	(vq)	(vr)	(vs)	(vt)	(vu)	(vv)	(vw)	(vx)	(vy)	(vz)	(wa)	(wb)	(wc)	(wd)	(we)	(wf)	(wg)	(wh)	(wi)	(wj)	(wk)	(wl)	(wm)	(wn)	(wo)	(wp)	(wq)	(wr)	(ws)	(wt)	(wu)	(wv)	(ww)	(wx)	(wy)	(wz)	(xa)	(xb)	(xc)	(xd)	(xe)	(xf)	(xg)	(xh)	(xi)	(xj)	(xk)	(xl)	(xm)	(xn)	(xo)	(xp)	(xq)	(xr)	(xs)	(xt)	(xu)	(xv)	(xw)	(xx)	(xy)	(xz)	(ya)	(yb)	(yc)	(yd)	(ye)	(yf)	(yg)	(yh)	(yi)	(yj)	(yk)	(yl)	(ym)	(yn)	(yo)	(yp)	(yq)	(yr)	(ys)	(yt)	(yu)	(yv)	(yw)	(yx)	(yy)	(yz)	(za)	(zb)	(zc)	(zd)	(ze)	(zf)	(zg)	(zh)	(zi)	(zj)	(zk)	(zl)	(zm)	(zn)	(zo)	(zp)	(zq)	(zr)	(zs)	(zt)	(zu)	(zv)	(zw)	(zx)	(zy)	(zz)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)	(as)	(at)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(ba)	(bb)	(bc)	(bd)	(be)	(bf)	(bg)	(bh)	(bi)	(bj)	(bk)	(bl)	(bm)	(bn)	(bo)	(bp)	(bq)	(br)	(bs)	(bt)	(bu)	(bv)	(bw)	(bx)	(by)	(bz)	(ca)	(cb)	(cc)	(cd)	(ce)	(cf)	(cg)	(ch)	(ci)	(cj)	(ck)	(cl)	(cm)	(cn)	(co)	(cp)	(cq)	(cr)	(cs)	(ct)	(cu)	(cv)	(cw)	(cx)	(cy)	(cz)	(da)	(db)	(dc)	(dd)	(de)	(df)	(dg)	(dh)	(di)	(dj)	(dk)	(dl)	(dm)	(dn)	(do)	(dp)	(dq)	(dr)	(ds)	(dt)	(du)	(dv)	(dw)	(dx)	(dy)	(dz)	(ea)	(eb)	(ec)	(ed)	(ee)	(ef)	(eg)	(eh)	(ei)	(ej)	(ek)	(el)	(em)	(en)	(eo)	(ep)	(eq)	(er)	(es)	(et)	(eu)	(ev)	(ew)	(ex)	(ey)	(ez)	(fa)	(fb)	(fc)	(fd)	(fe)	(ff)	(fg)	(fh)	(fi)	(fj)	(fk)	(fl)	(fm)	(fn)	(fo)	(fp)	(fq)	(fr)	(fs)	(ft)	(fu)	(fv)	(fw)	(fx)	(fy)	(fz)	(ga)	(gb)	(gc)	(gd)	(ge)	(gf)	(gg)	(gh)	(gi)	(gj)	(gk)	(gl)	(gm)	(gn)	(go)	(gp)	(gq)	(gr)	(gs)	(gt)	(gu)	(gv)	(gw)	(gx)	(gy)	(gz)	(ha)	(hb)	(hc)	(hd)	(he)	(hf)	(hg)	(hh)	(hi)	(hj)	(hk)	(hl)	(hm)	(hn)	(ho)	(hp)	(hq)	(hr)	(hs)	(ht)	(hu)	(hv)	(hw)	(hx)	(hy)	(hz)	(ia)	(ib)	(ic)	(id)	(ie)	(if)	(ig)	(ih)	(ii)	(ij)	(ik)	(il)	(im)	(in)	(io)	(ip)	(iq)	(ir)	(is)	(it)	(iu)	(iv)	(iw)	(ix)	(iy)	(iz)	(ja)	(jb)	(jc)	(jd)	(je)	(jf)	(jg)	(jh)	(ji)	(jj)	(jk)	(jl)	(jm)	(jn)	(jo)	(jp)	(jq)	(jr)	(js)	(jt)	(ju)	(jv)	(jw)	(jx)	(jy)	(jz)	(ka)	(kb)	(kc)	(kd)	(ke)	(kf)	(kg)	(kh)	(ki)	(kj)	(kl)	(km)	(kn)	(ko)	(kp)	(kq)	(kr)	(ks)	(kt)	(ku)	(kv)	(kw)	(kx)	(ky)	(kz)	(la)	(lb)	(lc)	(ld)	(le)	(lf)	(lg)	(lh)	(li)	(lj)	(lk)	(lm)	(ln)	(lo)	(lp)	(lq)	(lr)	(ls)	(lt)	(lu)	(lv)	(lw)	(lx)	(ly)	(lz)	(ma)	(mb)	(mc)	(md)	(me)	(mf)	(mg)	(mh)	(mi)	(mj)	(mk)	(ml)	(mm)	(mn)	(mo)	(mp)	(mq)	(mr)	(ms)	(mt)	(mu)	(mv)	(mw)	(mx)	(my)	(mz)	(na)	(nb)	(nc)	(nd)	(ne)	(nf)	(ng)	(nh)	(ni)	(nj)	(nk)	(nl)	(nm)	(nn)	(no)	(np)	(nq)	(nr)	(ns)	(nt)	(nu)	(nv)	(nw)	(nx)	(ny)	(nz)	(oa)	(ob)	(oc)	(od)	(oe)	(of)	(og)	(oh)	(oi)	(oj)	(ok)	(ol)	(om)	(on)	(oo)	(op)	(oq)	(or)	(os)	(ot)	(ou)	(ov)	(ow)	(ox)	(oy)	(oz)	(pa)	(pb)	(pc)	(pd)	(pe)	(pf)	(pg)	(ph)	(pi)	(pj)	(pk)	(pl)	(pm)	(pn)	(po)	(pp)	(pq)	(pr)	(ps)	(pt)	(pu)	(pv)	(pw)	(px)	(py)	(pz)	(qa)	(qb)	(qc)	(qd)	(qe)	(qf)	(qg)	(qh)	(qi)	(qj)	(qk)	(ql)	(qm)	(qn)	(qo)	(qp)	(qq)	(qr)	(qs)	(qt)	(qu)	(qv)	(qw)	(qx)	(qy)	(qz)	(ra)	(rb)	(rc)	(rd)	(re)	(rf)	(rg)	(rh)	(ri)	(rj)	(rk)	(rl)	(rm)	(rn)	(ro)	(rp)	(rq)	(rr)	(rs)	(rt)	(ru)	(rv)	(rw)	(rx)	(ry)	(rz)	(sa)	(sb)	(sc)	(sd)	(se)	(sf)	(sg)	(sh)	(si)	(sj)	(sk)	(sl)	(sm)	(sn)	(so)	(sp)	(sq)	(sr)	(ss)	(st)	(su)	(sv)	(sw)	(sx)	(sy)	(sz)	(ta)	(tb)	(tc)	(td)	(te)	(tf)	(tg)	(th)	(ti)	(tj)	(tk)	(tl)	(tm)	(tn)	(to)	(tp)	(tq)	(tr)	(ts)	(tt)	(tu)	(tv)	(tw)	(tx)	(ty)	(tz)	(ua)	(ub)	(uc)	(ud)	(ue)	(uf)	(ug)	(uh)	(ui)	(uj)	(uk)	(ul)	(um)	(un)	(uo)	(up)	(uq)	(ur)	(us)	(ut)	(uu)	(uv)	(uw)	(ux)	(uy)	(uz)	(va)	(vb)	(vc)	(vd)	(ve)	(vf)	(vg)	(vh)	(vi)	(vj)	(vk)	(vl)	(vm)	(vn)	(vo)	(vp)	(vq)	(vr)	(vs)	(vt)	(vu)	(vv)	(vw)	(wx)	(wy)	(wz)	(xa)	(xb)	(xc)	(xd)	(xe)	(xf)	(xg)	(xh)	(xi)	(xj)	(xk)	(xl)	(xm)	(xn)	(xo)	(xp)	(xq)	(xr)	(xs)	(xt)	(xu)	(xv)	(xw)	(xx)	(xy)	(yz)	(za)	(zb)	(zc)	(zd)	(ze)	(zf)	(zg)	(zh)	(zi)	(zj)	(zk)	(zl)	(zm)	(zn)	(zo)	(zp)	(zq)	(zr)	(zs)	(zt)	(zu)	(zv)	(zw)	(zx)	(zy)	(zz)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)

G - Forest Products: This card was punched for all questionnaires having any entries for questions in Section VII, "Forest Products in 1949." It was used to record information about value of standing timber, firewood, fence posts, sawlogs, pulpwood, pilings and poles cut, and in some areas, information about maple trees tapped, quantities of maple sirup and sugar products, and value of sales of maple sirup and sugar. A total of 1,524,000 "G" cards was punched.

H	MULES, HORSES, CATTLE AND DAIRY PRODUCTS																												UNIT		CENSUS OF AGRICULTURE — 1950																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	STATE		COUNTY		MINOR CIVIL DIVISION		QUESTION-NAIRE NUMBER		COLOR		TENURE		R. SIZE		CLASS		TYPE		PASTURE RECEIPTS		MULES		HORSES		CATTLE ON HAND										COWS MILKED YESTERDAY		MILK COWS ON HAND		MILK PRODUCED YESTERDAY		BUTTER LAST WEEK		WHOLE MILK SOLD		CREAM SOLD		TANT. REC'D FROM SALE OF OTHER DAIRY PRODUCTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
																									TOTAL		COWS				CALVES		HEIFERS										BULLS AND STEERS		QUANTITY				VALUE OF SALES		POUNDS OF BUTTERFAT		VALUE OF SALES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)	(as)	(at)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(ba)	(bb)	(bc)	(bd)	(be)	(bf)	(bg)	(bh)	(bi)	(bj)	(bk)	(bl)	(bm)	(bn)	(bo)	(bp)	(bq)	(br)	(bs)	(bt)	(bu)	(bv)	(bw)	(bx)	(by)	(bz)	(ca)	(cb)	(cc)	(cd)	(ce)	(cf)	(cg)	(ch)	(ci)	(cj)	(ck)	(cl)	(cm)	(cn)	(co)	(cp)	(cq)	(cr)	(cs)	(ct)	(cu)	(cv)	(cw)	(cx)	(cy)	(cz)	(da)	(db)	(dc)	(dd)	(de)	(df)	(dg)	(dh)	(di)	(dj)	(dk)	(dl)	(dm)	(dn)	(do)	(dp)	(dq)	(dr)	(ds)	(dt)	(du)	(dv)	(dw)	(dx)	(dy)	(dz)	(ea)	(eb)	(ec)	(ed)	(ee)	(ef)	(eg)	(eh)	(ei)	(ej)	(ek)	(el)	(em)	(en)	(eo)	(ep)	(eq)	(er)	(es)	(et)	(eu)	(ev)	(ew)	(ex)	(ey)	(ez)	(fa)	(fb)	(fc)	(fd)	(fe)	(ff)	(fg)	(fh)	(fi)	(fj)	(fk)	(fl)	(fm)	(fn)	(fo)	(fp)	(fq)	(fr)	(fs)	(ft)	(fu)	(fv)	(fw)	(fx)	(fy)	(fz)	(ga)	(gb)	(gc)	(gd)	(ge)	(gf)	(gg)	(gh)	(gi)	(gj)	(gk)	(gl)	(gm)	(gn)	(go)	(gp)	(gq)	(gr)	(gs)	(gt)	(gu)	(gv)	(gw)	(gx)	(gy)	(gz)	(ha)	(hb)	(hc)	(hd)	(he)	(hf)	(hg)	(hh)	(hi)	(hj)	(hk)	(hl)	(hm)	(hn)	(ho)	(hp)	(hq)	(hr)	(hs)	(ht)	(hu)	(hv)	(hw)	(hx)	(hy)	(hz)	(ia)	(ib)	(ic)	(id)	(ie)	(if)	(ig)	(ih)	(ii)	(ij)	(ik)	(il)	(im)	(in)	(io)	(ip)	(iq)	(ir)	(is)	(it)	(iu)	(iv)	(iw)	(ix)	(iy)	(iz)	(ja)	(jb)	(jc)	(jd)	(je)	(jf)	(jg)	(jh)	(ji)	(jj)	(jk)	(jl)	(jm)	(jn)	(jo)	(jp)	(jq)	(jr)	(js)	(jt)	(ju)	(jv)	(jw)	(jx)	(jy)	(jz)	(ka)	(kb)	(kc)	(kd)	(ke)	(kf)	(kg)	(kh)	(ki)	(kj)	(kl)	(km)	(kn)	(ko)	(kp)	(kq)	(kr)	(ks)	(kt)	(ku)	(kv)	(kw)	(kx)	(ky)	(kz)	(la)	(lb)	(lc)	(ld)	(le)	(lf)	(lg)	(lh)	(li)	(lj)	(lk)	(ll)	(lm)	(ln)	(lo)	(lp)	(lq)	(lr)	(ls)	(lt)	(lu)	(lv)	(lw)	(lx)	(ly)	(lz)	(ma)	(mb)	(mc)	(md)	(me)	(mf)	(mg)	(mh)	(mi)	(mj)	(mk)	(ml)	(mn)	(mo)	(mp)	(mq)	(mr)	(ms)	(mt)	(mu)	(mv)	(mw)	(mx)	(my)	(mz)	(na)	(nb)	(nc)	(nd)	(ne)	(nf)	(ng)	(nh)	(ni)	(nj)	(nk)	(nl)	(nm)	(nn)	(no)	(np)	(nq)	(nr)	(ns)	(nt)	(nu)	(nv)	(nw)	(nx)	(ny)	(nz)	(oa)	(ob)	(oc)	(od)	(oe)	(of)	(og)	(oh)	(oi)	(oj)	(ok)	(ol)	(om)	(on)	(oo)	(op)	(oq)	(or)	(os)	(ot)	(ou)	(ov)	(ow)	(ox)	(oy)	(oz)	(pa)	(pb)	(pc)	(pd)	(pe)	(pf)	(pg)	(ph)	(pi)	(pj)	(pk)	(pl)	(pm)	(pn)	(po)	(pp)	(pq)	(pr)	(ps)	(pt)	(pu)	(pv)	(pw)	(px)	(py)	(pz)	(qa)	(qb)	(qc)	(qd)	(qe)	(qf)	(qg)	(qh)	(qi)	(qj)	(qk)	(ql)	(qm)	(qn)	(qo)	(qp)	(qq)	(qr)	(qs)	(qt)	(qu)	(qv)	(qw)	(qx)	(qy)	(qz)	(ra)	(rb)	(rc)	(rd)	(re)	(rf)	(rg)	(rh)	(ri)	(rj)	(rk)	(rl)	(rm)	(rn)	(ro)	(rp)	(rq)	(rr)	(rs)	(rt)	(ru)	(rv)	(rw)	(rx)	(ry)	(rz)	(sa)	(sb)	(sc)	(sd)	(se)	(sf)	(sg)	(sh)	(si)	(sj)	(sk)	(sl)	(sm)	(sn)	(so)	(sp)	(sq)	(sr)	(ss)	(st)	(su)	(sv)	(sw)	(sx)	(sy)	(sz)	(ta)	(tb)	(tc)	(td)	(te)	(tf)	(tg)	(th)	(ti)	(tj)	(tk)	(tl)	(tm)	(tn)	(to)	(tp)	(tq)	(tr)	(ts)	(tt)	(tu)	(tv)	(tw)	(tx)	(ty)	(tz)	(ua)	(ub)	(uc)	(ud)	(ue)	(uf)	(ug)	(uh)	(ui)	(uj)	(uk)	(ul)	(um)	(un)	(uo)	(up)	(uq)	(ur)	(us)	(ut)	(uu)	(uv)	(uw)	(ux)	(uy)	(uz)	(va)	(vb)	(vc)	(vd)	(ve)	(vf)	(vg)	(vh)	(vi)	(vj)	(vk)	(vl)	(vm)	(vn)	(vo)	(vp)	(vq)	(vr)	(vs)	(vt)	(vu)	(vv)	(vw)	(vx)	(vy)	(vz)	(wa)	(wb)	(wc)	(wd)	(we)	(wf)	(wg)	(wh)	(wi)	(wj)	(wk)	(wl)	(wm)	(wn)	(wo)	(wp)	(wq)	(wr)	(ws)	(wt)	(wu)	(wv)	(ww)	(wx)	(wy)	(wz)	(xa)	(xb)	(xc)	(xd)	(xe)	(xf)	(xg)	(xh)	(xi)	(xj)	(xk)	(xl)	(xm)	(xn)	(xo)	(xp)	(xq)	(xr)	(xs)	(xt)	(xu)	(xv)	(xw)	(xx)	(xy)	(xz)	(ya)	(yb)	(yc)	(yd)	(ye)	(yf)	(yg)	(yh)	(yi)	(yj)	(yk)	(yl)	(ym)	(yn)	(yo)	(yp)	(yq)	(yr)	(ys)	(yt)	(yu)	(yv)	(yw)	(yx)	(yy)	(yz)	(za)	(zb)	(zc)	(zd)	(ze)	(zf)	(zg)	(zh)	(zi)	(zj)	(zk)	(zl)	(zm)	(zn)	(zo)	(zp)	(zq)	(zr)	(zs)	(zt)	(zu)	(zv)	(zw)	(zx)	(zy)	(zz)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</																																																																																															

H - Mules, Horses, Cattle and Dairy Products: This card was punched for all questionnaires with any entries in Section VIII, "Pasture Receipts in 1949," or in Section IX, "Livestock," under the subsections for Mules and Horses, Cattle and Calves, Cows Milked Yesterday, and Dairy Products Sold. It was used to record amount of pasture receipts; grazing permits in limited areas; an inventory of mules, horses and cattle, cows milked, milk cows, milk produced yesterday and quantity and value of milk; cream and other dairy products sold. A total of 4,453,000 "H" cards was punched.

I	STATE	COUNTY	MINOR CIVIL DIVISION	QUESTION-NUMBER	COLOR	TENURE	SIZE	CLASS	TYPE	HOGS AND PIGS ON FARM			SOWS		ANIMALS SOLD ALIVE										FARM SLAUGHTER		INCOME FROM SALE OF MEATS, HOGS, ETC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	HOGS AND PIGS		CALVES		CATTLE		SHEEP AND LAMBS		HORSES AND MULES		HOGS & PIGS - NO.	CALVES - NO.	CATTLE - NO.	SHEEP & LAMBS - NO.	HORSES & MULES - NO.	INCOME FROM SALE OF MEATS, HOGS, ETC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
															TOTAL	LESS THAN 4 WGS OF AGE	4 WGS OF AGE AND OVER	NO.	VALUE OF SALES	NO.	VALUE OF SALES	NO.	VALUE OF SALES	NO.							VALUE OF SALES	NO.	VALUE OF SALES	NO.	VALUE OF SALES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
																																				(257)	(258)	(259)	(276-1)	(276-2)	(277-1)	(277-2)	(278-1)	(278-2)	(279-1)	(279-2)	(280-1)	(280-2)	(281)	(282)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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I - Hogs, Animals Sold Alive, Farm Slaughter: An "I" card was punched for questionnaires with an entry in Section IX, "Livestock," under the subsection for Hogs and Pigs, Sows and Gilts Farrowing, Animals Sold Alive, and Farm Butchering. It recorded an inventory of hogs and pigs; sows and gilts farrowed and to farrow; number and value of sales of hogs and pigs, calves, cattle, sheep and lambs, and horses and mules sold alive; number of hogs and pigs, calves, cattle, sheep and lambs slaughtered; and value of sales of meats, hides, etc. There were 4,510,000 "I" cards punched.

(a) The J card, identified by the captions on the top of the card, was punched for all questionnaires on which entries appeared in Section IX, "Livestock," under the subsections for Sheep and Lambs, Goats, Rabbits and Fur Animals, and Wool Shorn. It was used to record an inventory of total sheep, lambs under six months, ewes, rams and wethers, number of sheep shorn, pounds of wool produced and value of wool sold; also "Yes" - "No" questions on goats, rabbits and fur animals, and value of goats' milk, mohair, rabbits and fur animals sold. In certain areas, information on goats was enlarged to a separate subsection and was not recorded on the "J" card. The "Yes" - "No" questions only were recorded on this card type. There were 601,000 "J" cards punched.

(b) The N card, identified by the captions in the center of the card, was punched only for questionnaires for seven "Western" States on which entries appeared in Section IX, under the subsection for Goats. It was used to record an inventory of total, angora, and other goats, number of goats clipped, pounds of mohair clipped and value of goat milk and mohair sold. There were 34,000 "N" cards punched.

K - Poultry and Poultry Products; Bees and Honey: This card was punched for all questionnaires with any entries in Section IX, in subsections Poultry, and Bees and Honey. It was used to record an inventory of chickens and turkeys on hand, chickens and chicken eggs sold and value of sales, turkeys and other poultry raised, value of sales of other poultry and products, number of bee hives, pounds of honey produced, and value of sales of honey, wax and bees. The number of "K" cards punched totaled approximately 4,388,000.

CENSUS OF AGRICULTURE - 1950

1. - Farm Facilities and Equipment - Sample and Large Farms Only: This card was punched for every sample and large farm questionnaire from entries in Section X, "Facilities and Equipment," and from entries in Section XIII, subsections Trading Center and Kind of Road, and from information transcribed from other parts of the questionnaire. It was used to record such items as telephone, milking machine, source of electric power and monthly electric bill, certain electric facilities, trucks, tractors, autos, etc., distance to trading center, kind of road, date of enumeration, cropland harvested, residence of operator, work power and total value of products. A total of 1,170,000 "1" cards was punched.

CENSUS OF AGRICULTURE—1950

M - Labor and Expenditures - Sample and Large Farms Only: This card was punched for every sample and large farm questionnaire with entries in Section XI, "Farm Labor Last Week," and Section XII, "Expenditures in 1949." It was used to record hours worked by farm operator, number of permanent and temporary hired workers, basis of pay, rate of pay, hours worked, and other perquisites for hired workers, and farm expenditures for machine hire, hired labor, feed and purchase of livestock and poultry, gasoline and other fuel, seeds, tractor repairs and other farm machinery repairs. About 1,152,000 "M" cards were punched.

## TABULATION: Co. 111-01

Cards Used: A (East) and A (West)

Areas: County

Sort: Commercial farms and other farms,  
minor civil division

## Items Tabulated:

1. Farms (total number)
2. Land owned (acres)
3. Land rented from others (acres)
4. Land in farms by use (acres):
  4. Total
  5. Cropland:
    5. Harvested
    6. Pastured
    7. Fallow (West only)
    8. Other
  9. Woodland:
    9. Pastured
    10. Not pastured
    11. Other pasture
    12. Other land
  13. Irrigated land (acres) (East only):
    13. Total
    14. By sprinkler

## Summary Tabulations:

Co. 116-01

Sort: Minor civil division

Items: 1 - 14 above

Co. 116-02

Sort: minor civil division

Items: 1 - 14 above

Co. 116-02

Sort: Commercial farms and other farms

Items: 1 - 14 above

## TABULATION: Co. 111-02

Cards Used: A (East) and A (West)

Areas: County

Sort: Size of farm, color-tenure of  
operator

## Items Tabulated:

1. Farms (total number)
2. Land owned (acres)
3. Land rented from others (acres)
4. Land in farms by use (acres):
  4. Total
  5. Cropland:
    5. Harvested (also F.R.)
    6. Pastured
    7. Fallow (West only)
    8. Other
  9. Woodland:
    9. Pastured
    10. Not pastured
    11. Other pasture
  12. Irrigated land (acres) (East only)
  13. Residence of landlord (F.R.)
  14. Relation to landlord (F.R.)
  15. Land rented to others (F.R.)

## Summary Tabulations:

Co. 116-03

Sort: Tenure of operator

Items: 1, 4, 5 above in total and by  
white and nonwhite

Co. 116-04

Sort: Size of farm

Items: 1, 4 - 13, 15 above

## TABULATION: Co. 111-03

Cards Used: A (West)

Areas: County

Sort: Irrigation

## Items Tabulated:

1. Farms (total number)
2. Land, total acres
3. Land in farms by use (acres):
  3. Cropland:
    3. Harvested (also F.R.)
    4. Pastured
    5. Fallow
    6. Idle

## Items Tabulated--Con.

7. Woodland:
  7. Pastured
  8. Not pastured
  9. Other pasture
  10. Other land
  11. Any pasture (F.R.)

## TABULATION: E.R. 112-03

Cards Used: A (East) and A (West) cards  
for large farms and farms  
in sample

Areas: Economic region

## Sort:

- Type of farm
- Economic class of farm
- Size of farm
- Color-tenure of operator
- Large farms and farms in sample

## Items Tabulated:

1. Farms (total number)
2. Land owned (acres)
3. Land rented from others (acres)
4. Land in farms by use (acres):
  4. Total
  5. Cropland:
    5. Harvested
    6. Pastured
    7. Fallow (West only)
    8. Other
  9. Woodland:
    9. Pastured
    10. Not pastured
    11. Other pasture
  12. Irrigated land (acres) (East only):
    12. Total
    13. By sprinkler

## Summary Tabulations:

E.R. 117-03

Sort: Commercial farms and other farms,  
color-tenure of operator, large  
farms and farms in sample

Items: 1 - 13 above

E.R. 117-04

Sort: Economic class of farm, large  
farms and farms in sample

Items: 1 - 13 above

E.R. 117-05

Sort: Size of farm, large farms and  
farms in sample

Items: 1 - 13 above

E.R. 117-06

Sort: Commercial farms and other farms,  
type of farm, large farms and  
farms in sample

Items: 1 - 13 above

E.R. 117-07

Sort: Commercial farms and other farms,  
color-tenure of operator, large  
farms and farms in sampleItems: Total number of farms and number  
of farms in each size of farm  
code group

## TABULATION: Co. 113-01

Cards Used: A (East) and A (West)

Areas: County

Sort: Minor civil division

## Items Tabulated:

## Part I

1. Farms (total number)
2. Land use (F.R.):
  2. Cropland:
    2. Harvested
    3. Pastured
    4. Fallow (West only)
    5. Other
  3. Woodland:
    3. Pastured
    4. Not pastured
    5. Other pasture

## Items Tabulated--Part I--Con.

9. Residence of operator (F.R.):
  9. On farm
  10. Off farm
11. Other income exceeds farm  
income (F.R.)

## Farms by size (F.R.):

12. Under 3 acres
13. 3-9 acres
14. 10-29 acres
15. 30-49 acres
16. 50-99 acres
17. 100-499 acres
18. 500 acres and over
19. Color of operator (F.R.):
  19. White
  20. Non-white
21. Tenure of operator (F.R.):
  21. Full owners
  22. Part owners
  23. Managers
  24. Tenants:
    24. All
    25. Croppers
    26. Cash
    27. Share-cash
    28. Other and unspecified
    29. Other
    30. Unspecified
    31. Crop-share
    32. Livestock share

## Part II

- Work off farm (F.R.):
  1. Any
  2. 100 days or more
- Land use (F.R.):
  3. Irrigated land (East only)
  4. Irrigated by sprinkler (East only)
  5. Other land
  6. Any cropland
  7. Any pasture
  8. Any woodland
- Cropland harvested (F.R.):
  9. 1-9 acres
  10. 10-19 acres
  11. 20-29 acres
  12. 30-49 acres
  13. 50-99 acres
  14. 100-199 acres
  15. 200 acres and over
  16. Vegetable gardens (F.R.)
- Irrigated land (F.R.) (East only):
  17. Acreage:
    17. Any
    18. Under 3 acres
    19. 3-9 acres
    20. 10-19 acres
    21. 20 acres and over
  22. By tenure group:
    22. Full owners
    23. Part owners
    24. Managers
    25. All tenants
26. Any cropland harvested and/or  
fallow (F.R.) (West only)
27. Any cropland fallow and/or idle  
(F.R.) (West only)
28. Cropland fallow (F.R.) (West only):
  28. 1-19 acres
  29. 20-49 acres
  30. 50-99 acres
  31. 100-199 acres
  32. 200-499 acres
  33. 500-999 acres
  34. 1,000 acres and over

35. Farms beginning operation after Aug. 1,  
1949 and no cropland harvested  
(number)Any pasture by tenure of operator  
(F.R.):

36. Any
37. Full owners
38. Part owners
39. Managers
40. All tenants

## TABULATION: Co. 113-02

Cards Used: A (East) and A (West) cards for  
noncommercial farms, and large  
farms and farms in sample only

Areas: County

Sort: None

## Items Tabulated:

## Part I

- Non-commercial farms:
  1. Work off farm (F.R.):
    1. Any
    2. 100 days or more
  2. Farms (total number)
  3. Under 10 acres (F.R.)
  4. Any cropland harvested (F.R.)
  5. 1-9 acres cropland harvested (F.R.)
  6. Any pasture (F.R.)
  7. Residence of operator (F.R.):
    7. On farm
    8. Off farm
  9. Other income exceeds agriculture  
income (F.R.)
  10. Tenure of operator (F.R.):
    11. All owners
    12. Full owners
    13. Part owners
    14. Managers
    15. All tenants
    16. Cash tenants
    17. Vegetable gardens (F.R.)
- Large farms by type of farm (F.R.):
  18. Total
  19. Vegetable
  20. Fruit and nut
  21. Cotton
  22. Other special crops
  23. Cash-grain
  24. General crop
  25. Dairy
  26. Poultry
  27. Livestock specialty
  28. General livestock
  29. General crop and livestock
  30. Unclassified and miscellaneous

## Part II

Sample farms by economic class of farm  
(F.R.):

- Commercial:
  1. Class I
  2. Class II
  3. Class III
  4. Class IV
  5. Class V
  6. Class VI
- Non-commercial:
  7. Part-time
  8. Residential
  9. Abnormal
- Large farms by economic class of farm  
(F.R.):
  10. Commercial:
    10. Class I
    11. Class II
    12. Class III
    13. Class IV
    14. Class V
    15. Class VI
  - Non-commercial:
    16. Part-time
    17. Residential
    18. Abnormal

Sample farms by type of farm (F.R.):

19. Total
20. Vegetable
21. Fruit and nut
22. Cotton
23. Other special crops
24. Cash-grain
25. General crop
26. Dairy
27. Poultry
28. Livestock specialty
29. General livestock
30. General crop and livestock
31. Unclassified and miscellaneous

## TABULATIONS

E.R. 114-01	E.R. 114-03	E.R. 114-05	E.R. 114-07
Cards Used			
A (East) and A (West) cards for large farms and farms in sample.	A (East) and A (West) cards for large farms and farms in sample.	A (East) and A (West) cards for large farms and farms in sample.	A (East) and A (West) cards for large farms and farms in sample.
Areas			
Economic region	Economic region	Economic region	Economic region
Sort			
Type of farm Large farms and farms in sample Commercial farms and other farms	Size of farm Large farms and farms in sample	Economic class of farm Large farms and farms in sample	Color-tenure of operator Large farms and farms in sample Commercial farms and other farms

## Items Tabulated

Part I	Part II
1. Age of operator (total years)	1. Year of occupancy (total years)
2. Farms (total number)	2. Year began operations (F.R.):
3. Days worked off farm (F.R.):	3. Any
4. Any	4. 1950, less than 1 year
5. 1-49 days	5. 1949 (1 year)
6. 50-99 days	6. 1948 (2 years)
7. 100 days and over	7. 1947 (3 years)
8. 100-199 days	8. 1946 (4 years)
9. 200 days and over	9. 1945-45 (5-9 years)
10. None	10. 1936-40 (10-14 years)
Age of operator (F.R.):	11. 1935 and earlier (15 or more years)
11. Any	12. Total 1 year or less
12. Under 25 years	Residence of operator (F.R.):
13. 25-34 years	12. On farm
14. 35-44 years	13. Off farm
15. 45-54 years	14. Other income exceeds farm income (F.R.)
16. 55-64 years	15. Vegetable gardens (F.R.)
17. 65 years and over	16. Began operations before 1900 (F.R.)
Woodland pastured, acres (F.R.):	Operation begun 1 year or less (F.R.):
17. Under 10 acres	17. April 1949
18. 10-19 acres	18. May 1949
19. 20-49 acres	19. June 1949
20. 50-99 acres	20. July 1949
21. 100-199 acres	21. Aug. 1949
22. 200-499 acres	22. Sept. 1949
23. 500 acres and over	23. Oct. 1949
Woodland not pastured, acres (F.R.):	24. Nov. 1949
24. Under 10 acres	25. Dec. 1949
25. 10-19 acres	26. Jan. 1950
26. 20-49 acres	27. Feb. 1950
27. 50-99 acres	28. Mar. 1950
28. 100-199 acres	29. April 1950
29. 200-499 acres	30. 1950 with no month reported
30. 500 acres and over	31. Total 1 year or less (April 1949 to present)

## Summary Tabulations

E.R. 119-06 (Source - E.R. 114-07, pt. I). Sort: Color, large farms and farms in sample, tenure of operator, commercial farms and other farms. Items: 1-16 above.	E.R. 119-11 (Source - E.R. 114-07, pt. II). Sort: Color, large farms and farms in sample, tenure of operator, commercial farms and other farms. Items: 1-15 above.
E.R. 119-07 (Source - E.R. 114-05, pt. I). Sort: Large farms and farms in sample, economic class of farm. Items: 1-16 above.	E.R. 119-12 (Source - E.R. 114-05, pt. II). Sort: Large farms and farms in sample, economic class of farm. Items: 1-15 above.
E.R. 119-08 (Source - E.R. 114-03, pt. I). Sort: Large farms and farms in sample, size of farm. Items: 1-16 above.	E.R. 119-13 (Source - E.R. 114-03, pt. II). Sort: Large farms and farms in sample, size of farm. Items: 1-15 above.
E.R. 119-09 (Source - E.R. 114-01, pt. I). Sort: Large farms and farms in sample, type of farm, commercial farms and other farms. Items: 1-16 above.	E.R. 119-14 (Source - E.R. 114-01, pt. II). Sort: Large farms and farms in sample, type of farm, commercial farms and other farms. Items: 1-15 above.

## TABULATIONS

E.R. 114-02	E.R. 114-04	E.R. 114-06	E.R. 114-08
Cards Used			
A (East) and A (West) cards for large farms and farms in sample.	A (East) and A (West) cards for large farms and farms in sample.	A (East) and A (West) cards for large farms and farms in sample.	A (East) and A (West) cards for large farms and farms in sample.
Areas			
Economic region	Economic region	Economic region	Economic region
Sort			
Type of farm Large farms and farms in sample Commercial farms and other farms	Size of farm Large farms and farms in sample	Economic class of farm Large farms and farms in sample	Color-tenure of operator Large farms and farms in sample Commercial farms and other farms

## Items Tabulated

Part I	Part II
1. Farms (total number)	Farms by type of farm (number);
2. Tenure of land (F.R.):	1. Total
3. Land owned	2. Vegetable
4. Land rented from others	3. Fruit and nut
5. Land rented to others	4. Cotton
Uses of land (F.R.):	5. Other special crops
Cropland:	6. Cash-grain
Harvested, acres:	7. General crop
5. Total	8. Dairy
6. 1-9 acres	9. Poultry
7. 10-19 acres	10. Livestock specialty
8. 20-29 acres	11. General livestock
9. 30-49 acres	12. General crop and livestock
10. 50-99 acres	13. Miscellaneous
11. 100-199 acres	14. Managers (F.R.)
12. 200-499 acres	Farms by economic class of farm (number):
13. 500-999 acres	15. Total
14. 1,000 acres and over	Commercial:
15. None	16. Class I
16. Pastured	17. Class II
17. Fallow and/or other (West only)	18. Class III
18. Fallow (West only)	19. Class IV
19. Other	20. Class V
Woodland:	21. Class VI
20. Pastured	Non-commercial:
21. Not pastured	22. Part-time
22. Other pasture	23. Residential
23. Other land	24. Abnormal
24. Any cropland	
25. Any pasture	
26. Any woodland	
Irrigated land (F.R.) (East only):	
27. Any	
28. By sprinkler	
29. Landlord, residence on farm (F.R.)	
30. Relation to landlord (F.R.)	

## Summary Tabulations

E.R. 119-23 (Source - E.R. 114-08, pt. I). Sort: Color, large farms and farms in sample, tenure of operator, commercial farms and other farms. Items: 1-15 above.	E.R. 119-30 (Source - E.R. 114-02, pt. I). Sort: Large farms and farms in sample, type of farm, commercial farms and other farms. Items: 16-30 above.
E.R. 119-24 (Source - E.R. 114-06, pt. I). Sort: Large farms and farms in sample, economic class of farm. Items: 1-15 above.	E.R. 119-31 (Source - E.R. 114-03, pt. II). Sort: Color, large farms and farms in sample, tenure of operator, commercial farms and other farms. Items: 1-14 above.
E.R. 119-25 (Source - E.R. 114-04, pt. I). Sort: Large farms and farms in sample, size of farm. Items: 1-15 above.	E.R. 119-32 (Source - E.R. 114-06, pt. II). Sort: Large farms and farms in sample, economic class of farm. Items: 1-14 above.
E.R. 119-26 (Source - E.R. 114-02, pt. I). Sort: Large farms and farms in sample, type of farm, commercial farms and other farms. Items: 1-15 above.	E.R. 119-33 (Source - E.R. 114-04, pt. II). Sort: Large farms and farms in sample, size of farm. Items: 1-14 above.
E.R. 119-27 (Source - E.R. 114-08, pt. I). Sort: Color, large farms and farms in sample, tenure of operator, commercial farms and other farms. Items: 16-30 above.	E.R. 119-34 (Source - E.R. 114-03, pt. II). Sort: Color, large farms and farms in sample, tenure of operator. Items: 15-24 above.
E.R. 119-28 (Source - E.R. 114-06, pt. I). Sort: Large farms and farms in sample, economic class of farm. Items: 16-30 above.	E.R. 119-35 (Source - E.R. 114-04, pt. II). Sort: Large farms and farms in sample, size of farm. Items: 15-24 above.
E.R. 119-29 (Source - E.R. 114-04, pt. I). Sort: Large farms and farms in sample, size of farm. Items: 16-30 above.	

## TABULATION: Co. 121-01

Cards Used: A<sup>2</sup> (West)  
 Areas: County  
 Sort: Minor civil division, irrigation  
 Items Tabulated:  
 1. Farms (total number)  
   Irrigated land in farms (acres):  
 2. Total  
 3. Irrigated by sprinkler  
 4. Cropland harvested  
 5. Wild grass pasture  
 6. Tame grass pasture  
 7. Other cropland  
   Supplemental source (irrigation):  
 8. Farms reporting  
 9. Acreage of farms  
 10. Total acres irrigated in farms reporting

## TABULATION: Co. 121-02

Cards Used: A<sup>2</sup> (West)  
 Areas: County  
 Sort: Source of water (irrigation), size of farm  
 Items Tabulated:  
 1. Farms (total number)  
   Irrigated land by tenure (acres):  
   All tenures:  
 2. Total  
 3. Cropland harvested  
   Full owners and managers:  
 4. Total  
   Cropland harvested  
   Part owners:  
 6. Total  
   Cropland harvested  
   Tenants:  
 8. Total  
   Cropland harvested

## TABULATION: E.R. 122-01

Cards Used: A<sup>2</sup> (West) cards for large farms and farms in sample  
 Areas: Economic region  
 Sort:  
   Type of farm  
   Size of farm  
   Economic class of farm  
   Tenure of operator  
   Large farms and farms in sample  
 Items Tabulated:  
 1. Farms (total number)  
   Irrigated land in farms by use:  
 2. Total acres  
   Irrigated by sprinkler:  
 3. Farms reporting  
 4. Acres  
   Cropland harvested:  
 5. Farms reporting  
 6. Acres  
   Wild grass pasture:  
 7. Farms reporting  
 8. Acres  
   Tame grass pasture:  
 9. Farms reporting  
 10. Acres  
   Other cropland:  
 11. Farms reporting  
 12. Acres  
   Supplemental source:  
 13. Farms reporting  
 14. Acres

## Summary Tabulations:

E.R. 127-03  
 Sort: Large farms and farms in sample, tenure of operator, commercial farms and other farms  
 Items: 1 - 14 above  
 E.R. 127-04  
 Sort: Large farms and farms in sample, economic class of farm  
 Items: 1 - 14 above  
 E.R. 127-05  
 Sort: Large farms and farms in sample, size of farm  
 Items: 1 - 14 above  
 E.R. 127-06  
 Sort: Large farms and farms in sample, type of farm, commercial farms and other farms  
 Items: 1 - 14 above

## TABULATION: Co. 123-01

Cards Used: A<sup>2</sup> (West)  
 Areas: County  
 Sort: None  
 Items Tabulated:  
   Part I  
 1. Farms (total number)  
   Irrigated land (F.R.):  
 2. By sprinkler  
 3. Cropland harvested  
 4. Any pasture  
 5. Wild grass pasture  
 6. Tame grass pasture  
 7. Other cropland  
   Irrigated farms by acres irrigated (number):  
 8. 1-9 acres  
 9. 10-19 acres  
 10. 20-29 acres  
 11. 30-49 acres  
 12. 50-99 acres  
 13. 100-199 acres  
 14. 200-499 acres  
 15. 500 acres and over

Wholly irrigated farms by tenure of operator (F.R.):  
 16. Full owners  
 17. Part owners  
 18. Managers  
 19. Tenants  
 Partly irrigated farms by tenure of operator (F.R.):  
 20. Full owners  
 21. Part owners  
 22. Managers  
 23. Tenants  
 Source of water (F.R.):  
 24. Any  
 25. Own only  
 26. Own plus one supplemental  
 27. Own plus 2 or more supplemental  
 28. None of own but 1 other  
 29. None of own but 2 or more other

Part II  
 Farms wholly irrigated:  
 Irrigated land (F.R.):  
 1. Total number  
 2. By sprinkler  
 3. Cropland harvested  
 4. Any pasture  
 5. Wild grass pasture  
 6. Tame grass pasture  
 7. Other cropland  
   Irrigated farms by acres irrigated (number):  
 8. 1-9 acres  
 9. 10-19 acres  
 10. 20-29 acres  
 11. 30-49 acres  
 12. 50-99 acres  
 13. 100-199 acres  
 14. 200-499 acres  
 15. 500 acres and over  
 Farms partly irrigated:  
 Irrigated land (F.R.):  
 16. Total number  
 17. By sprinkler  
 18. Cropland harvested  
 19. Any pasture  
 20. Wild grass pasture  
 21. Tame grass pasture  
 22. Other cropland  
   Irrigated farms by acres irrigated (number):  
 23. 1-9 acres  
 24. 10-19 acres  
 25. 20-29 acres  
 26. 30-49 acres  
 27. 50-99 acres  
 28. 100-199 acres  
 29. 200-499 acres  
 30. 500 acres and over

## TABULATION: Co. 131-01

Cards Used: C - Corn or sorghums  
 Areas: County  
 Sort: Minor civil division  
 Items Tabulated:  
 1. Farms (total number)  
 2. Other farms (number)  
   Corn or sorghums:  
   Harvested for all purposes (acres):  
 3. Total  
 4. In other farms

## Items Tabulated--Con.

Harvested for grain or seed:  
 5. Farms reporting  
 6. Acres  
 7. Bushels or 100 lb. bags  
 Cut for silage:  
 8. Farms reporting  
 9. Acres  
 10. Tons  
 Hogged or grazed:  
 11. Farms reporting  
 12. Acres  
 13. Corn sold or sorghum hay (amount)  
   (Corn--bushels; sorghums--tons)  
 Corn or sorghums sold or to be sold:  
 14. Farms reporting  
 15. Value of sales

## TABULATION: Co. 131-02

Cards Used: C - Corn or sorghums for 20 Western States

Areas: County  
 Sort: Kind of crop, irrigation  
 Items Tabulated:  
 1. Farms (total number)  
   Corn or sorghums:  
 2. Harvested for all purposes, total (acres)  
   Harvested for grain or seed:  
 3. Farms reporting  
 4. Acres  
 5. Bushels or 100 lb. bags  
 Cut for silage:  
 6. Farms reporting  
 7. Acres  
 8. Tons  
 Hogged or grazed:  
 9. Farms reporting  
 10. Acres  
 11. Corn sold or sorghum hay (amount)  
   (Corn--bushels; sorghums--tons)  
 Corn or sorghums sold or to be sold:  
 12. Farms reporting  
 13. Value of sales

## TABULATION: E.R. 132-01

Cards Used: C - Corn or sorghums  
 Areas: County

Sort:  
   Minor civil division  
   Type of farm  
   Size of farm  
   Economic class of farm  
   Color-tenure of operator  
   Large farms and farms in sample  
 Items Tabulated:  
 1. Farms (total number)  
   Corn or sorghums:  
 2. Harvested for all purposes, total (acres)  
   Harvested for grain or seed:  
 3. Farms reporting  
 4. Acres  
 5. Bushels or 100 lb. bags  
 Cut for silage:  
 6. Farms reporting  
 7. Acres  
 8. Tons  
 Hogged or grazed:  
 9. Farms reporting  
 10. Acres  
 11. Corn sold or sorghum hay (amount)  
   (Corn--bushels; sorghums--tons)  
 Corn or sorghums sold or to be sold:  
 12. Farms reporting  
 13. Value of sales

## Summary Tabulations:

E.R. 137-03  
 Sort: Crop number, commercial farms and other farms, color-tenure of operator, large farms and farms in sample  
 Items: 1 - 5, 11 - 13  
 E.R. 137-04  
 Sort: Crop number, economic class of farm, large farms and farms in sample  
 Items: 1 - 5, 11 - 13

## Summary Tabulations--Con.

E.R. 137-05  
 Sort: Crop number, size of farm, large farms and farms in sample  
 Items: 1 - 5, 11 - 13  
 E.R. 137-06  
 Sort: Crop number, commercial farms and other farms, type of farm, large farms and farms in sample  
 Items: 1 - 5, 11 - 13

## TABULATION: E.R. 134-01

Cards Used: C - Corn or sorghums  
 Areas: Economic region  
 Sort: Large farms and farms in sample  
 Items Tabulated:

Part I  
 1. Farms (total number)  
   Corn or sorghums harvested for all purposes (F.R.):  
 2. Under 5 acres  
 3. 5-9 acres  
 4. 10-24 acres  
 5. 25-49 acres  
 6. 50-99 acres  
 7. 100-299 acres  
 8. 300 acres and over  
 9. 1 acre  
 10. 2 acres  
 11. 3 acres  
 12. 4 acres  
 13. 5 acres  
 14. 6-7 acres  
 15. 8-10 acres  
 16. 11-15 acres  
 17. 16-19 acres  
 18. 20-24 acres  
 19. 25-34 acres  
 20. 35-44 acres  
 21. 45-49 acres  
 22. 50-54 acres  
 23. 55-74 acres  
 24. 75-99 acres  
 25. 100-149 acres  
 26. 150-199 acres  
 27. 200-299 acres  
 28. 300-399 acres  
 29. 400-499 acres  
 30. 500 acres and over

Part II  
 Corn or sorghums harvested for grain (F.R.):  
 1. Any acres  
 2. Under 5 acres  
 3. 5-9 acres  
 4. 10-24 acres  
 5. 25-49 acres  
 6. 50-99 acres  
 7. 100-299 acres  
 8. 300 acres and over  
 9. 1 acre  
 10. 2 acres  
 11. 3 acres  
 12. 4 acres  
 13. 5 acres  
 14. 6-7 acres  
 15. 8-10 acres  
 16. 11-15 acres  
 17. 16-19 acres  
 18. 20-24 acres  
 19. 25-34 acres  
 20. 35-44 acres  
 21. 45-49 acres  
 22. 50-54 acres  
 23. 55-74 acres  
 24. Number of acres harvested for all purposes  
 25. Grain or other uses (farms not reporting)  
 26. Acres harvested for all purposes (F.R.)

## TABULATION: Co. 141-01

Cards Used: E (Western States)  
 Areas: County  
 Sort: Kind of crop, minor civil division  
 Items Tabulated:  
 1. Farms (total number)  
 Area, trees, quantity sold, value of sales;  
 2. Farms reporting  
 3. Amount  
 Area, trees, production, value of sales;  
 4. Farms reporting  
 5. Amount  
 6. Trees of bearing age and no fruit produced (F.R.)  
 Production, quantity sold, value of sales;  
 7. Farms reporting  
 8. Amount

## TABULATION: Co. 141-02

Cards Used: E  
 Areas: County  
 Sort: Kind of crop, minor civil division  
 Items Tabulated:  
 1. Farms (total number)  
 Any one or more of the following categories depending on kind of crop (F.R. and amount);  
 2. Area (square feet)  
 3. Acres  
 4. Production  
 5. Quantity sold  
 6. Value of sales  
 Trees or vines not of bearing age;  
 7. Farms reporting  
 8. Number  
 Trees or vines of bearing age (F.R. and number);  
 9. Production of fruit and nuts (amount)  
 10. Trees and vines of bearing age and no fruit produced (F.R.)  
 11. 10.0 acres and over per crop (F.R.)

## TABULATION: E.R. 142-01

Cards Used: E cards for large farms and farms in sample  
 Areas: Economic region  
 Sort:  
 Kind of crop  
 Commercial farms and other farms  
 Color-tensure of operator  
 Large farms and farms in sample  
 Items Tabulated:  
 Part A  
 (Tabulated for all crops except potatoes)  
 1. Farms (total number)  
 Area, quantity sold, or value of sales;  
 2. Farms reporting  
 3. Amount  
 Acres, production, or value of sales;  
 4. Farms reporting  
 5. Amount  
 Production, quantity sold or value of sales;  
 6. Farms reporting  
 7. Amount  
 Acreage (F.R.):  
 8. Under 5 acres  
 9. 5-9 acres  
 10. 10-24 acres  
 11. 25-49 acres  
 12. 50-99 acres  
 13. 100-499 acres  
 14. 500 acres and over  
 15. Sample farm cards (total number)  
 16. Large farm cards (total number)

## Part B

(Tabulated for potatoes only)

1. Farms (total number)  
 Acreage:  
 2. Farms reporting  
 3. Amount  
 Production:  
 4. Farms reporting  
 5. Amount  
 Value  
 6. Farms reporting  
 7. Amount

## Items Tabulated--Part B--Con.

8. Production less than 10-100 lb. bags or less than 15 bushels (F.R.)  
 Acreage (F.R.):  
 9. No acres  
 10. Under 10 acres  
 11. 10-19 acres  
 12. 20-99 acres  
 13. 100-999 acres  
 14. 1,000 acres and over  
 15. Sample farm cards (total number)  
 16. Large farm cards (total number)

## Summary Tabulation:

E.R. 147-01, Parts 1 and 2  
 Sort: Crop number, commercial farms and other farms, color-tensure of operator, large farms and farms in sample  
 Items: 1 - 14 in Part A and Part B

## TABULATION: E.R. 142-02

Cards Used: E cards for large farms and farms in sample  
 Areas: Economic region  
 Sort:  
 Kind of crop  
 Commercial farms and other farms  
 Type of farm  
 Large farms and farms in sample  
 Items Tabulated:  
 Part A  
 (Tabulated for all crops except potatoes)  
 1. Farms (total number)  
 Area, quantity sold, or value of sales;  
 2. Farms reporting  
 3. Amount  
 Acres, production, or value of sales;  
 4. Farms reporting  
 5. Amount  
 Production, quantity sold or value of sales;  
 6. Farms reporting  
 7. Amount  
 Acreage (F.R.):  
 8. Under 5 acres  
 9. 5-9 acres  
 10. 10-24 acres  
 11. 25-49 acres  
 12. 50-99 acres  
 13. 100-499 acres  
 14. 500 acres and over  
 15. Sample farm cards (total number)  
 16. Large farm cards (total number)

## Part B

(Tabulated for potatoes only)

1. Farms (total number)  
 Acreage:  
 2. Farms reporting  
 3. Amount  
 Production:  
 4. Farms reporting  
 5. Amount  
 Value:  
 6. Farms reporting  
 7. Amount  
 8. Production less than 10-100 lb. bags or less than 15 bushels (F.R.)  
 Acreage (F.R.):  
 9. No acres  
 10. Under 10 acres  
 11. 10-19 acres  
 12. 20-99 acres  
 13. 100-999 acres  
 14. 1,000 acres and over  
 15. Sample farm cards (total number)  
 16. Large farm cards (total number)

## Summary Tabulation:

E.R. 147-02, Parts 1 and 2  
 Sort: Crop number, commercial farms and other farms, type of farm, large farms and farms in sample  
 Items: 1 - 14 in Part A and Part B

## TABULATION: E.R. 142-03

Cards Used: E cards for large farms and farms in sample  
 Areas: Economic region  
 Sort:  
 Kind of crop  
 Size of farm  
 Large farms and farms in sample  
 Items Tabulated:

## Part A

(Tabulated for all crops except potatoes)

1. Farms (total number)  
 Area, quantity sold, or value of sales;  
 2. Farms reporting  
 3. Amount  
 Acres, production, or value of sales;  
 4. Farms reporting  
 5. Amount  
 Production, quantity sold or value of sales;  
 6. Farms reporting  
 7. Amount  
 Acreage (F.R.):  
 8. Under 5 acres  
 9. 5-9 acres  
 10. 10-24 acres  
 11. 25-49 acres  
 12. 50-99 acres  
 13. 100-499 acres  
 14. 500 acres and over  
 15. Sample farm cards (total number)  
 16. Large farm cards (total number)

## Part B

(Tabulated for potatoes only)

1. Farms (total number)  
 Acreage:  
 2. Farms reporting  
 3. Amount  
 Production:  
 4. Farms reporting  
 5. Amount  
 Value:  
 6. Farms reporting  
 7. Amount  
 8. Production less than 10-100 lb. bags or less than 15 bushels (F.R.)  
 Acreage (F.R.):  
 9. No acres  
 10. Under 10 acres  
 11. 10-19 acres  
 12. 20-99 acres  
 13. 100-999 acres  
 14. 1,000 acres and over  
 15. Sample farm cards (total number)  
 16. Large farm cards (total number)

## Summary Tabulation:

E.R. 147-03, Parts 1 and 2  
 Sort: Crop number, size of farm, large farms and farms in sample  
 Items: 1 - 14 in Part A and Part B

## TABULATION: E.R. 142-04

Cards Used: E cards for large farms and farms in sample  
 Areas: Economic region  
 Sort:  
 Kind of crop  
 Economic class of farm  
 Large farms and farms in sample  
 Items Tabulated:

## Part A

(Tabulated for all crops except potatoes)

1. Farms (total number)  
 Area, quantity sold, or value of sales;  
 2. Farms reporting  
 3. Amount  
 Acres, production, or value of sales;  
 4. Farms reporting  
 5. Amount  
 Production, quantity sold or value of sales;  
 6. Farms reporting  
 7. Amount  
 Acreage (F.R.):  
 8. Under 5 acres  
 9. 5-9 acres  
 10. 10-24 acres  
 11. 25-49 acres  
 12. 50-99 acres  
 13. 100-499 acres  
 14. 500 acres and over  
 15. Sample farm cards (total number)  
 16. Large farm cards (total number)

## Items Tabulated--Con.

## Part B

(Tabulated for potatoes only)

1. Farms (total number)  
 Acreage:  
 2. Farms reporting  
 3. Amount  
 Production:  
 4. Farms reporting  
 5. Amount  
 Value:  
 6. Farms reporting  
 7. Amount  
 8. Production less than 10-100 lb. bags or less than 15 bushels (F.R.)  
 Acreage (F.R.):  
 9. No acres  
 10. Under 10 acres  
 11. 10-19 acres  
 12. 20-99 acres  
 13. 100-999 acres  
 14. 1,000 acres and over  
 15. Sample farm cards (total number)  
 16. Large farm cards (total number)

## Summary Tabulation:

E.R. 147-04, Parts 1 and 2  
 Sort: Crop number, economic class of farm, large farms and farms in sample  
 Items: 1 - 14 in Part A and Part B

## TABULATION: Co. 143-01

Cards Used: E - Cotton  
 Areas: County  
 Sort:  
 Minor civil division (Eastern States only)  
 Irrigation (Western States only)  
 Items Tabulated:  
 Part I  
 1. Cotton (acres)  
 2. Farms (total number)  
 3. Acreage (F.R.)  
 4. No acreage (F.R.)  
 Irrigated (F.R.):  
 5. No irrigation (F.R.)  
 6. Wholly irrigated (Western States only)  
 Partly irrigated (Western States only) (F.R.):  
 7. Crop not irrigated  
 8. Crop wholly irrigated  
 9. Crop partly irrigated

Acres per crop (F.R.):

10. 1 acre  
 11. 2 acres  
 12. 3 acres  
 13. 4 acres  
 14. 5 acres  
 15. 6-7 acres  
 16. 8-9 acres  
 17. 10-14 acres  
 18. 15-19 acres  
 19. 20-24 acres  
 20. 25-29 acres  
 21. 30-34 acres  
 22. 35-49 acres  
 23. 50-74 acres  
 24. 75-99 acres  
 25. 100-149 acres  
 26. 150-199 acres  
 27. 200-299 acres  
 28. 300-399 acres  
 29. 400-499 acres  
 30. 500-999 acres  
 31. 1,000 acres and over

## Part II

1. Cotton produced (number of bales)  
 2. Value of cotton sold (amount)  
 3. Bales of cotton (F.R.)  
 4. Number bales of cotton (F.R.)  
 5. Value of cotton sold (F.R.)  
 6. No value of cotton (F.R.)  
 Bales of cotton produced (F.R.):  
 7. 1 bale  
 8. 2 bales  
 9. 3 bales  
 10. 4 bales  
 11. 5 bales  
 12. 6 bales  
 13. 7 bales  
 14. 8 bales  
 15. 9 bales  
 16. 10-11 bales  
 17. 12-14 bales  
 18. 15-19 bales  
 19. 20-24 bales  
 20. 25-29 bales  
 21. 30-34 bales  
 22. 35-39 bales  
 23. 40-44 bales  
 24. 45-49 bales  
 25. 50 bales and over



## TABULATION: Co. 143-02

Cards Used: E - Miscellaneous crops  
 Areas: County  
 Sort:  
 Kind of crop  
 Commercial farms and other farms  
 Minor civil divisions (Eastern States only)  
 Irrigation (Western States only)  
 Economic class of farm (Western States only)

## Items Tabulated:

## Part I

1. Area, quantity sold, or value of sales (total number)
2. Farms (total number)
3. Area, quantity sold or value (F.R.)
4. No area, quantity sold or value (F.R.)
- Partly irrigated farms:
5. Crop not irrigated (Western States only)
6. Crop wholly irrigated (Western States only)
7. Crop partly irrigated (Western States only)
- Acres per crop (F.R.):
8. Under 5 acres
9. 5-9 acres
10. 10-24 acres
11. 25-49 acres
12. 50-99 acres
13. 100-299 acres
14. 300-499 acres
15. 500-999 acres
16. 1,000 acres and over
17. 1 acre
18. 2 acres
19. 3 acres
20. 4 acres
21. 5 acres
22. 6-7 acres
23. 8-9 acres
24. 10-14 acres
25. 15-19 acres
26. 20-24 acres
27. 25-29 acres
28. 30-34 acres
29. 35-49 acres
30. 50-74 acres
31. 75-99 acres

## Part II

1. Acres, production, or value of sales (total number)
2. Production, quantity sold, or value of sales (total number)
3. Acres, production or value (F.R.)
4. No acres, production or value (F.R.)
5. Production, quantity sold, or value (F.R.)
6. No production, quantity sold, or value reported (F.R.)
7. No irrigation reported (F.R.)
- Acres per crop (F.R.):
8. 100-149 acres
9. 150-199 acres
10. 200-299 acres
11. 300-399 acres
12. 400-499 acres
- Hay sold (tons) or grain sold (bushels) (F.R.):
- Hay:
13. Under 5 tons
14. 5-9 tons
15. 10-19 tons
16. 20-39 tons
17. 40-69 tons
18. 70-99 tons
- Grain:
19. Under 100 bushels
- Hay or grain:
20. 100-249 tons or bushels
21. 250-499 tons or bushels
22. 500-999 tons or bushels
- Hay:
23. 1,000 tons and over
- Grain:
24. 1,000-1,499 bushels
25. 1,500-1,999 bushels
26. 2,000-2,999 bushels
27. 3,000-4,999 bushels
28. 5,000-9,999 bushels
29. 10,000 bushels and over

## TABULATION: Co. 143-03

Cards Used: E  
 Areas: County  
 Sort:  
 Kind of crop (Fruits and nuts only)  
 Irrigation  
 Minor civil divisions

## Items Tabulated:

## Part I

1. Farms (total number)
2. Trees and vines of bearing age:
3. Number
4. No trees and vines of bearing age (F.R.)
5. Trees and vines of bearing age and no fruit produced (East only) (F.R.)
- Partly irrigated farms (West only) (F.R.):
6. Fully irrigated crop
7. Partly irrigated crop
- Trees and vines of bearing age (F.R.):
8. Under 5 trees and vines
9. 5-24 trees and vines
10. Under 50 trees and vines
11. Under 100 trees and vines
12. 100-499 trees and vines
13. Under 1,000 trees and vines
14. 1,000-4,999 trees and vines
15. 5,000-9,999 trees and vines
16. 10,000 trees and vines and over
- Trees and vines of bearing age (F.R.):
17. Under 5 trees and vines
18. 5-9 trees and vines
19. 10-24 trees and vines
20. 25-49 trees and vines
21. 50-99 trees and vines
22. 100-199 trees and vines
23. 200-499 trees and vines
24. 500-999 trees and vines
25. 1,000-1,499 trees and vines
26. 1,500-2,999 trees and vines
27. 3,000-4,999 trees and vines
28. 5,000-7,499 trees and vines
29. 7,500-9,999 trees and vines
30. 10,000-14,999 trees and vines
31. 15,000 trees and vines and over

## Part II

- Trees and vines not of bearing age:
1. Number
2. Farms reporting
- Production (bu., lbs., qts., or tons):
3. Total amount
4. Farms reporting
5. No trees and vines not of bearing age (F.R.)
6. No production (F.R.)
- Trees and vines of bearing age (F.R.):
7. 25 trees and over
8. 500 trees and over
9. No irrigation (F.R.)
- Trees and vines not of bearing age (F.R.):
10. Under 5 trees and vines
11. 5-9 trees and vines
12. 10-24 trees and vines
13. 25-49 trees and vines
14. 50-99 trees and vines
15. 100-199 trees and vines
16. 200-499 trees and vines
17. 500-999 trees and vines
18. 1,000 trees and vines and over
- Quantities produced (F.R.):
19. Under 25 (bu., lbs., qts., or tons)
20. 25-99 (bu., lbs., qts., or tons)
21. 100-499 (bu., lbs., qts., or tons)
22. 500-999 (bu., lbs., qts., or tons)
23. 1,000-4,999 (bu., lbs., qts., or tons)
24. 5,000 and over (bu., lbs., qts., or tons)

## TABULATION: Co. 143-04

Cards Used: E - Potatoes only  
 Areas: County  
 Sort:  
 Kind of crop  
 Size of farm  
 Irrigation (Western States only)

## Items Tabulated:

## Part I

1. Area, quantity sold, or value of sales (total number)
2. Farms (total number)
3. Area, quantity sold or value (F.R.)
4. No area, quantity sold or value (F.R.)
- Partly irrigated farms:
5. Crop not irrigated (Western States only)
6. Crop wholly irrigated (Western States only)
7. Crop partly irrigated (Western States only)
- Acres per crop (F.R.):
8. Under 5 acres
9. 5-9 acres
10. 10-24 acres
11. 25-49 acres
12. 50-99 acres
13. 100-299 acres
14. 300-499 acres
15. 500-999 acres
16. 1,000 acres and over
17. 1 acre
18. 2 acres
19. 3 acres
20. 4 acres
21. 5 acres
22. 6-7 acres
23. 8-9 acres
24. 10-14 acres
25. 15-19 acres
26. 20-24 acres
27. 25-29 acres
28. 30-34 acres
29. 35-49 acres
30. 50-74 acres
31. 75-99 acres

## Part II

1. Acres, production, or value of sales (total number)
2. Production, quantity sold, or value of sales (total number)
3. Acres, production or value (F.R.)
4. No acres, production or value (F.R.)
5. Production, quantity sold, or value (F.R.)
6. No production, quantity sold, or value reported (F.R.)
7. No irrigation reported (F.R.)
- Acres per crop (F.R.):
8. 100-149 acres
9. 150-199 acres
10. 200-299 acres
11. 300-399 acres
12. 400-499 acres
- Hay sold (tons) or grain sold (bushels) (F.R.):
- Hay:
13. Under 5 tons
14. 5-9 tons
15. 10-19 tons
16. 20-39 tons
17. 40-69 tons
18. 70-99 tons
- Grain:
19. Under 100 bushels
- Hay or grain:
20. 100-249 tons or bushels
21. 250-499 tons or bushels
22. 500-999 tons or bushels
- Hay:
23. 1,000 tons and over
- Grain:
24. 1,000-1,499 bushels
25. 1,500-1,999 bushels
26. 2,000-2,999 bushels
27. 3,000-4,999 bushels
28. 5,000-9,999 bushels
29. 10,000 bushels and over

## TABULATION: Co. 143-05

Cards Used: E  
 Areas: County  
 Sort: Number of apple trees, of bearing age

## Items Tabulated:

## Part I

1. Farms (total number)
2. Trees and vines of bearing age:
3. Number
4. No trees and vines of bearing age (F.R.)
5. Trees and vines of bearing age and no fruit produced, (East only) (F.R.)
- Partly irrigated farms (West only) (F.R.):
6. Fully irrigated crop
7. Partly irrigated crop
- Trees and vines of bearing age (F.R.):
8. Under 5 trees and vines
9. 5-24 trees and vines
10. Under 50 trees and vines
11. Under 100 trees and vines
12. 100-499 trees and vines
13. Under 1,000 trees and vines
14. 1,000-4,999 trees and vines
15. 5,000-9,999 trees and vines
16. 10,000 trees and vines and over
- Trees and vines of bearing age (F.R.):
17. Under 5 trees and vines
18. 5-9 trees and vines
19. 10-24 trees and vines
20. 25-49 trees and vines
21. 50-99 trees and vines
22. 100-199 trees and vines
23. 200-499 trees and vines
24. 500-999 trees and vines
25. 1,000-1,499 trees and vines
26. 1,500-2,999 trees and vines
27. 3,000-4,999 trees and vines
28. 5,000-7,499 trees and vines
29. 7,500-9,999 trees and vines
30. 10,000-14,999 trees and vines
31. 15,000 trees and vines and over

## Part II

- Trees and vines not of bearing age:
1. Number
2. Farms reporting
- Production (bu., lbs., qts., or tons):
3. Total amount
4. Farms reporting
5. No trees and vines not of bearing age (F.R.)
6. No production (F.R.)
- Trees and vines of bearing age (F.R.):
7. 25 trees and over
8. 500 trees and over
9. No irrigation (F.R.)
- Trees and vines not of bearing age (F.R.):
10. Under 5 trees and vines
11. 5-9 trees and vines
12. 10-24 trees and vines
13. 25-49 trees and vines
14. 50-99 trees and vines
15. 100-199 trees and vines
16. 200-499 trees and vines
17. 500-999 trees and vines
18. 1,000 trees and vines and over
- Quantities produced (F.R.):
19. Under 25 (bu., lbs., qts., or tons)
20. 25-99 (bu., lbs., qts., or tons)
21. 100-499 (bu., lbs., qts., or tons)
22. 500-999 (bu., lbs., qts., or tons)
23. 1,000-4,999 (bu., lbs., qts., or tons)
24. 5,000 and over (bu., lbs., qts., or tons)

## TABULATION: Co. 143-06

Cards Used: E  
 Areas: County  
 Sort: Number of peach trees, of bearing age

## Items Tabulated:

## Part I

1. Farms (total number)
2. Trees and vines of bearing age:
3. Number
4. No trees and vines of bearing age (F.R.)

## TABULATION: Co. 143-06--Con.

## Items Tabulated--Part I--Con.

5. Trees and vines of bearing age and no fruit produced (East only) (F.R.)  
Partly irrigated farms (West only) (F.R.):
6. Fully irrigated crop
7. Partly irrigated crop
- Trees and vines of bearing age (F.R.):
8. Under 5 trees and vines
9. 5-24 trees and vines
10. Under 50 trees and vines
11. Under 100 trees and vines
12. 100-499 trees and vines
13. Under 1,000 trees and vines
14. 1,000-4,999 trees and vines
15. 5,000-9,999 trees and vines
16. 10,000 trees and vines and over

## Trees and vines of bearing age (F.R.):

17. Under 5 trees and vines
18. 5-9 trees and vines
19. 10-24 trees and vines
20. 25-49 trees and vines
21. 50-99 trees and vines
22. 100-199 trees and vines
23. 200-499 trees and vines
24. 500-999 trees and vines
25. 1,000-1,499 trees and vines
26. 1,500-2,999 trees and vines
27. 3,000-4,999 trees and vines
28. 5,000-7,499 trees and vines
29. 7,500-9,999 trees and vines
30. 10,000-14,999 trees and vines
31. 15,000 trees and vines and over

## Part II

## Trees and vines not of bearing age:

1. Number
2. Farms reporting
- Production (bu., lbs., qts., or tons):
3. Total amount
4. Farms reporting
5. No trees and vines not of bearing age (F.R.)
6. No production (F.R.)
- Trees and vines of bearing age (F.R.):
7. 25 trees and over
8. 500 trees and over
9. No irrigation (F.R.)

## Trees and vines not of bearing age (F.R.):

10. Under 5 trees and vines
11. 5-9 trees and vines
12. 10-24 trees and vines
13. 25-49 trees and vines
14. 50-99 trees and vines
15. 100-199 trees and vines
16. 200-499 trees and vines
17. 500-999 trees and vines
18. 1,000 trees and vines and over
- Quantities produced (F.R.):
19. Under 25
20. 25-99 (bu., lbs., qts., or tons)
21. 100-499 (bu., lbs., qts., or tons)
22. 500-999 (bu., lbs., qts., or tons)
23. 1,000-4,999 (bu., lbs., qts., or tons)
24. 5,000 and over (bu., lbs., qts., or tons)

## TABULATION: Co. 143-07

Cards Used: E - Miscellaneous crops

Areas: County

Sort: Kind of crop  
Economic class of farm  
Irrigation (Western States only)

Items Tabulated:

## Part I

1. Area, quantity sold, or value of sales (total number)
2. Farms (total number)
3. Area, quantity sold or value (F.R.)
4. No area, quantity sold or value (F.R.)
- Partly irrigated farms:
5. Crop not irrigated (Western States only)
6. Crop wholly irrigated (Western States only)
7. Crop partly irrigated (Western States only)

## Acres per crop (F.R.):

8. Under 5 acres
9. 5-9 acres
10. 10-24 acres
11. 25-49 acres
12. 50-99 acres
13. 100-299 acres
14. 300-499 acres
15. 500-999 acres
16. 1,000 acres and over

## Items Tabulated--Part I--Con.

17. 1 acre
18. 2 acres
19. 3 acres
20. 4 acres
21. 5 acres
22. 6-7 acres
23. 8-9 acres
24. 10-14 acres
25. 15-19 acres
26. 20-24 acres
27. 25-29 acres
28. 30-34 acres
29. 35-49 acres
30. 50-74 acres
31. 75-99 acres

## Part II

1. Acres, production, or value of sales (total number)
2. Production, quantity sold, or value of sales (total number)
3. Acres, production or value (F.R.)
4. No acres, production or value (F.R.)
5. Production, quantity sold, or value (F.R.)
6. No production, quantity sold, or value reported (F.R.)
7. No irrigation reported (F.R.)
- Acres per crop (F.R.):
8. 100-149 acres
9. 150-199 acres
10. 200-299 acres
11. 300-399 acres
12. 400-499 acres

## Hay sold (tons) or grain sold (bushels) (F.R.):

- Hay:
13. Under 5 tons
14. 5-9 tons
15. 10-19 tons
16. 20-39 tons
17. 40-69 tons
18. 70-99 tons
- Grain:
19. Under 100 bushels
- Hay or grain:
20. 100-249 tons or bushels
21. 250-499 tons or bushels
22. 500-999 tons or bushels
- Hay:
23. 1,000 tons and over
- Grain:
24. 1,000-1,499 bushels
25. 1,500-1,999 bushels
26. 2,000-2,999 bushels
27. 3,000-4,999 bushels
28. 5,000-9,999 bushels
29. 10,000 bushels and over

## TABULATION: Co. 151-01

Cards Used: F (For California only)

Areas: County

Sort: Kind of crop, irrigation,  
minor civil division

Items Tabulated:

1. Farms (total number)
2. Trees or vines of all ages (total acreage)
- Trees not of bearing age:
3. Farms reporting
4. Number
- Trees of bearing age:
5. Farms reporting
6. Number
- Quantity harvested:
7. Farms reporting
8. Amount (tons, pounds, or field boxes)

## Summary Tabulation:

Co. 156-01

Sort: Crop number, irrigation

Items: 1 - 8 above

## TABULATION: E.R. 152-01

Cards Used: F (for California only; large farms and farms in sample)

Areas: Economic region

Sort: Kind of crop  
Commercial farms and other farms  
Color-tenure of operator  
Large farms and farms in sample

## Items Tabulated:

1. Farms (total number)
2. Trees or vines of all ages (total acreage)
- Trees not of bearing age:
3. Farms reporting
4. Number
- Trees of bearing age:
5. Farms reporting
6. Number
- Quantity harvested:
7. Farms reporting
8. Amount (tons, pounds, or field boxes)

## Summary Tabulation:

E.R. 157-01

Sort: Crop number, commercial farms and other farms, color-tenure of operator, large farms and farms in sample

Items: 1 - 8 above

## TABULATION: E.R. 152-02

Cards Used: F (for California only; large farms and farms in sample)

Areas: Economic region

Sort:

Kind of crop  
Commercial farms and other farms  
Type of farm  
Large farms and farms in sample

## Items Tabulated:

1. Farms
2. Trees or vines of all ages (total acreage)
- Trees not of bearing age:
3. Farms reporting
4. Number
- Trees of bearing age:
5. Farms reporting
6. Number
- Quantity harvested:
7. Farms reporting
8. Amount (tons, pounds, or field boxes)

## Summary Tabulation:

E.R. 157-02

Sort: Crop number, commercial farms and other farms, type of farm, large farms and farms in sample

Items: 1 - 8 above

## TABULATION: E.R. 152-03

Cards Used: F (for California only; large farms and farms in sample)

Areas: Economic region

Sort: Kind of crop, size of farm, large farms and farms in sample

Items Tabulated:

1. Farms
2. Trees or vines of all ages (total acreage)
- Trees not of bearing age:
3. Farms reporting
4. Number
- Trees of bearing age:
5. Farms reporting
6. Number
- Quantity harvested:
7. Farms reporting
8. Amount (tons, pounds, or field boxes)

## Summary Tabulation:

E.R. 157-03

Sort: Crop number, size of farm, large farms and farms in sample

Items: 1 - 8 above

## TABULATION: E.R. 152-04

Cards Used: F (for California only; large farms and farms in sample)

Areas: Economic region

Sort: Kind of crop, economic class of farm, large farms and farms in sample

## Items Tabulated:

1. Farms
2. Trees or vines of all ages (total acreage)
- Trees not of bearing age:
3. Farms reporting
4. Number
- Trees of bearing age:
5. Farms reporting
6. Number
- Quantity harvested:
7. Farms reporting
8. Amount (tons, pounds, or field boxes)

## Summary Tabulation:

E.R. 157-04

Sort: Crop number, economic class of farm, large farms and farms in sample

Items: 1 - 8 above

## TABULATION: Co. 161-01

Cards Used: G

Areas: County

Sort: None

Items Tabulated:

1. Farms (total number)
2. Any forest products sold (F.R.)
- Firewood cut cords:
3. Farms reporting
4. Number
- Fence posts cut:
5. Farms reporting
6. Number
- Saw logs and veneer logs cut:
7. Farms reporting
8. Tens of board feet
- Pulpwood cut cords:
9. Farms reporting
10. Number
- Piling and poles cut:
11. Farms reporting
12. Number
- Value of firewood, fence posts, etc., sold:
13. Farms reporting
14. Value of sales
- Value of standing timber sold:
15. Farms reporting
16. Value of sales
- Sale of other forest products:
17. Farms reporting
18. Value of sales

## TABULATION: Co. 161-02

Cards Used: G cards for 13 selected States

Areas: County

Sort: Farms reporting maple trees and sirup, only

Items Tabulated:

1. Farms (total number)
- Maple trees and sirup:
- Trees tapped:
2. Farms reporting
3. Number
- Sirup produced:
4. Farms reporting
5. Gallons
- Sugar produced:
6. Farms reporting
7. Pounds
- Sirup or sugar sold:
8. Farms reporting
9. Value of sales

## TABULATION: E.R. 162-01

Cards Used: G cards for large farms and farms in sample

Areas: Economic region

Sort:

Type of farm  
Size of farm  
Economic class of farm  
Color-tenure of operator  
Large farms and farms in sample

TABULATION: E.R. 162-01--Con.

## Items Tabulated:

1. Farms (total number)
2. Any forest products sold (F.R.)
- Value of sales:
3. Standing timber
4. Firewood, fence posts, etc.
5. Other forest products
6. Maple sirup and maple sugar
- Cords of firewood cut:
7. Farms reporting
8. Number
- Fence posts cut:
9. Farms reporting
10. Number
- Sawlogs and veneer logs cut:
11. Farms reporting
12. Tens of board feet

## Summary Tabulations:

## E.R. 167-03

Sort: Commercial and other farms, color-  
tenure of operator, large farms  
and farms in sample

Items: 1 - 6 above

## E.R. 167-04

Sort: Economic class of farm, large  
farms and farms in sample

Items: 1 - 6 above

## E.R. 167-05

Sort: Size of farm, large farms and  
farms in sample

Items: 1 - 6 above

## E. R. 167-06

Sort: Commercial farms and other farms,  
type of farm, large farms and  
farms in sample

Items: 1 - 6 above

TABULATION: Co. 171-01

Cards Used: H

Areas: County

Sort: Economic class of farm, minor civil  
division

## Items Tabulated:

1. Farms (total number)
- Horses and/or mules:
2. Farms reporting
3. Number of horses
4. Number of mules
- Total cattle on hand:
5. Farms reporting
6. Number
- Milk cows on hand:
7. Farms reporting
8. Number
- Any dairy products sold:
9. Farms reporting
- Value of sales:
10. Whole milk
11. Cream
12. Other dairy products

## Summary Tabulations:

## Co. 176-01

Sort: Economic class of farm

Items: 1 - 12 above

## Co. 176-02

Sort: Minor civil division

Items: 1 - 12 above

TABULATION: Co. 171-02

Cards Used: H

Areas: County

Sort: Minor civil division

## Items Tabulated:

1. Farms (total number)
- Cattle on hand:
2. Number of cows
3. Number of heifers
4. Number of bulls and steers
5. Number of calves
- Whole milk sold:
6. Pounds
7. Pounds of butterfat
8. Gallons
9. Cream sold (pounds of butterfat)
10. Cows milked yesterday (number)
11. Milk produced yesterday (gallons)
12. Butter churned last week (pounds)

TABULATION: E.R. 172-01

Cards Used: H cards for large farms and  
farms in sample

Areas: Economic region

## Sort:

Type of farm  
Size of farm  
Economic class of farm  
Color-tenure of operator  
Large farms and farms in sample

## Items Tabulated:

1. Farms (total number)
- Horses and/or mules:
2. Farms reporting
3. Number of horses
4. Number of mules
- Total cattle on hand:
5. Farms reporting
6. Number
- Cows on hand:
7. Farms reporting
8. Number
- Milk cows on hand:
9. Farms reporting
10. Number

Any dairy products sold:  
Value of sales:

11. Whole milk
12. Cream
13. Other dairy products

## Summary Tabulations:

## E.R. 177-03

Sort: Commercial farms and other farms,  
color-tenure of operator, large  
farms and farms in sample

Items: 1 - 13 above

## E.R. 177-04

Sort: Economic class of farm, large  
farms and farms in sample

Items: 1 - 13 above

## E.R. 177-05

Sort: Size of farm, large farms and  
farms in sample

Items: 1 - 13 above

## E.R. 177-06

Sort: Commercial farms and other farms,  
type of farm, large farms and  
farm in sample

Items: 1 - 13 above

TABULATION: E.R. 172-02

Cards Used: H cards for large farms and  
farms in sample

Areas: Economic region

Sort: Large farms and farms in sample

## Items Tabulated:

1. Farms (total number)
- Cattle on hand:
2. Number of heifers
3. Number of bulls and steers
4. Number of calves
- Whole milk sold:
5. Pounds
6. Pounds of butterfat
7. Gallons
8. Cream sold (pounds of butterfat)
9. Cows milked yesterday (number)
10. Milk produced yesterday (gallons)
11. Butter churned last week (pounds)

TABULATION: E.R. 172-03

Cards Used: H cards for large farms and  
farms in sample

Areas: Economic region

Sort: Milk cow herd groups, large farms  
and farms in sample

## Items Tabulated:

1. Farms (total number)
- Cows on hand:
2. Farms reporting
3. Number
- Cows milked yesterday:
4. Farms reporting
5. Number
- Milk cows on hand:
6. Farms reporting
7. Number
- Milk produced yesterday:
8. Farms reporting
9. Gallons

## Items Tabulated--Con.

Butter churned last week:

10. Farms reporting
11. Pounds
- Other dairy products sold:
12. Farms reporting
13. Value of sales
14. Any dairy products sold (F.R.)

## Summary Tabulation:

## E.R. 177-07

Sort: Milk cow herd group, large farms  
and farms in sample

Items: 1 - 14 above

TABULATION: E.R. 172-04

Cards Used: H cards for large farms and  
farms in sample

Areas: Economic region

Sort: Milk cow herd group, large farms  
and farms in sample

## Items Tabulated:

1. Farms (total number)
- Whole milk sold:
2. Farms reporting
3. Pounds
4. Pounds of butterfat
5. Gallons
6. Value of sales
- Cream sold:
7. Farms reporting
8. Pounds of butterfat
9. Value of sales

## Summary Tabulation:

## E.R. 177-08

Sort: Milk cow herd group, large farms  
and farms in sample

Items: 1 - 9 above

TABULATION: Co. 173-01

Cards Used: H

Areas: County

Sort: Minor civil division

## Items Tabulated:

1. Pasture receipts (value of sales)
2. Farms (total number)
- Animals on hand (F.R.):
3. Horses
4. Mules
5. Cows
6. Heifers
7. Bulls and steers
8. Calves
- Dairy products sold (F.R.):
9. Whole milk
10. Cream
11. Other dairy products
12. Cows milked yesterday (F.R.)
13. Butter churned last week (F.R.)
14. Pasture receipts (F.R.)

Grazing permits (F.R.):

15. All farms
16. Full owners

Cows on hand, by number (F.R.)

17. Any cows
18. 1 cow
19. 2 cows
20. 3-4 cows
21. 5-9 cows
22. 10-14 cows
23. 15-19 cows
24. 20-29 cows
25. 30-49 cows
26. 50-74 cows
27. 75-99 cows
28. 100-199 cows
29. 200-499 cows
30. 500-999 cows
31. 1,000 cows and over

## Part II

Milk sold (F.R.):

1. Pounds of butterfat
2. Gallons
3. Pounds

Cattle on hand, by number (F.R.):

4. Any cattle
5. 1 head of cattle
6. 2-4 cattle
7. 5-9 cattle
8. 10-24 cattle
9. 25-49 cattle
10. 50-99 cattle
11. 100 cattle and over

## Items Tabulated--Part II--Con.

Horses and/or mules, by number

- (F.R.):
12. Any horses and/or mules
13. 1 horse or mule
14. 2 horses and/or mules
15. 3 horses and/or mules
16. 4 horses and/or mules
17. 5 horses and/or mules or more
- Milk cows on hand, by number (F.R.):
18. Any milk cows
19. 1 milk cow
20. 2 milk cows
21. 3 milk cows
22. 4 milk cows
23. 5-9 milk cows
24. 10-14 milk cows
25. 15-19 milk cows
26. 20-29 milk cows
27. 30-49 milk cows
28. 50-74 milk cows
29. 75-99 milk cows
30. 100 milk cows or more
31. Any dairy products sold (F.R.)

TABULATION: E.R. 174-01

Cards Used: H cards for large farms and  
farms in sample

Areas: Economic region

Sort: Large farms and farms in sample

## Items Tabulated:

1. Pasture receipts (value of sales)
2. Farms (total number)
3. Pasture receipts (F.R.)
4. Horses (F.R.)
5. Mules (F.R.)
- Total cattle on hand, by number (F.R.):
6. Any cattle
7. 1 head of cattle
8. 2-4 cattle
9. 5-9 cattle
10. 10-24 cattle
11. 25-49 cattle
12. 50-99 cattle
13. 100 cattle or more
14. Cows on hand (F.R.):
15. Any farms
16. Full owners
- Cows on hand, by number (F.R.):
17. Any cows
18. 1 cow
19. 2 cows
20. 3-4 cows
21. 5-9 cows
22. 10-14 cows
23. 15-19 cows
24. 20-29 cows
25. 30-49 cows
26. 50-74 cows
27. 75-99 cows
28. 100-199 cows
29. 200-499 cows
30. 500-999 cows
31. 1,000 cows or more

## Part II

Milk sold (F.R.):

1. Pounds of butterfat
2. Gallons
3. Pounds

Milk cows on hand, by number (F.R.):

4. Any milk cows
5. 1 milk cow
6. 2 milk cows
7. 3 milk cows
8. 4 milk cows
9. 5-9 milk cows
10. 10-14 milk cows
11. 15-19 milk cows
12. 20-29 milk cows
13. 30-49 milk cows
14. 50-74 milk cows
15. 75-99 milk cows
16. 100 milk cows or more
17. Cows milked yesterday (F.R.)
18. Calves on hand (F.R.)
19. Heifers on hand (F.R.)
20. Bulls and steers on hand (F.R.)
- Horses and/or mules, by number (F.R.):
21. Any horses and/or mules
22. 1 horse or mule
23. 2 horses and/or mules
24. 3 horses and/or mules
25. 4 horses and/or mules
26. 5 horses and/or mules or more
- Dairy products sold (F.R.):
27. Any dairy products
28. Whole milk
29. Cream
30. Other dairy products
31. Butter churned last week (F.R.)

TABULATION: Co. 181-01

Cards Used: I  
 Areas: County  
 Sort: Economic class of farm, minor civil division

Items Tabulated:

1. Farms (total number)
2. Hogs and/or pigs:
3. Farms reporting
4. Number
5. Sows:
6. Farms reporting
7. Number farrowed
8. Number to farrow
9. Any livestock sold alive (F.R.)
10. Animals sold alive:
11. Cattle:
12. Number
13. Value of sales
14. Calves:
15. Number
16. Value of sales
17. Hogs and pigs:
18. Value of sales
19. Sheep and lambs (value of sales)
20. Horses and/or mules:
21. Number
22. Value of sales

## Summary Tabulation:

Co. 186-01  
 Sort: Economic class  
 Items: 1 - 15 above

TABULATION: Co. 181-02

Cards Used: I  
 Areas: County  
 Sort: Minor civil division

Items Tabulated:

1. Farms (total number)
2. Hogs and pigs on farm:
3. Total number
4. Number under 4 months of age
5. Number 4 months of age and over
6. Sows:
7. Number farrowed
8. Number to farrow
9. Animals sold alive (number):
10. Cattle
11. Calves
12. Hogs and pigs
13. Sheep and lambs
14. Horses and mules
15. Animals butchered (number):
16. Cattle
17. Calves
18. Hogs and pigs
19. Sheep and lambs

TABULATION: E.R. 182-01

Cards Used: I cards for large farms and farms in sample

Areas: Economic region

Sort:

Color-tenure of operator

Economic class of farm

Size of farm

Type of farm

Items Tabulated:

1. Farms (total number)
2. Hogs and/or pigs:
3. Farms reporting
4. Number
5. Cattle and calves sold alive (F.R.)
6. Animals sold alive:
7. Cattle:
8. Number
9. Value of sales
10. Calves:
11. Number
12. Value of sales
13. Hogs and pigs:
14. Farms reporting
15. Number
16. Value of sales
17. Sheep and lambs (value of sales)
18. Horses and/or mules:
19. Value of sales
20. Meat, hides, etc. (value of sales)

## Summary Tabulations:

E.R. 187-03  
 Sort: Commercial farms and other farms, color-tenure of operator, large farms and farms in sample

Items: 1 - 14 above

E.R. 187-04  
 Sort: Economic class of farm, large farms and farms in sample

Items: 1 - 14 above

E.R. 187-05  
 Sort: Size of farm, large farms and farms in sample

Items: 1 - 14 above

E.R. 187-06  
 Sort: Commercial farms and other farms, type of farm, large farms and farms in sample

Items: 1 - 14 above

TABULATION: E.R. 182-02

Cards Used: I  
 Areas: Economic region  
 Sort: Large farms and farms in sample

Items Tabulated:

1. Farms (total number)
2. Hogs and pigs on farm:
3. Total number
4. Number under 4 months of age
5. Number 4 months of age and over
6. Sows:
7. Number farrowed
8. Number to farrow
9. Animals sold alive (number):
10. Cattle
11. Calves
12. Hogs and pigs
13. Sheep and lambs
14. Horses and mules
15. Animals butchered (number):
16. Cattle
17. Calves
18. Hogs and pigs
19. Sheep and lambs

TABULATION: Co. 183-01

Cards Used: I  
 Areas: County  
 Sort: Minor civil division

Items Tabulated:

Part I

1. Farms (total number)
2. Hogs and pigs (F.R.):
3. Total
4. Under 4 months of age
5. 4 months of age and over
6. Any sows farrowed or to farrow (F.R.)
7. Animals sold alive (F.R.):
8. Any animals
9. Any meat animals
10. Any cattle or calves
11. Any calves
12. Cattle
13. Hogs and pigs
14. Sheep and lambs
15. Horses and mules
16. No hogs and pigs (F.R.)
17. No animals sold alive (F.R.)
18. Sale of meats, hides, etc. (F.R.):
19. Any sales
20. Sales of \$100 or more
21. Animals butchered (F.R.):
22. Any animals
23. Any cattle or calves
24. Any calves
25. Any cattle
26. Any sheep
27. Hogs, by number:
28. Any hogs
29. 1 hog
30. 2 hogs
31. 3 hogs
32. 4 hogs
33. 5-6 hogs
34. 7-9 hogs
35. 10 hogs or more

## Items Tabulated--Con.

Part II

Animals butchered, by number (F.R.):

Calves:

1. 1 calf
2. 2 calves
3. 3 calves
4. 4 calves
5. 5 calves or more

Cattle:

6. 1 head of cattle
7. 2 cattle
8. 3 cattle
9. 4 cattle
10. 5 cattle or more
11. No animals butchered (F.R.)
12. No meat animals sold alive (F.R.)
13. No calves sold alive (F.R.)
14. No cattle sold alive (F.R.)
15. No sheep and lambs sold alive (F.R.)

Sows farrowed and/or to farrow, by number (F.R.):

16. Any sows
17. 1 sow
18. 2 sows
19. 3 sows
20. 4 sows
21. 5 sows
22. 6 sows
23. 7 sows
24. 8 sows
25. 9 sows
26. 10 sows or more
27. No hogs and pigs sold alive (F.R.)
28. No horses and mules sold alive (F.R.)

TABULATION: E.R. 184-01

Cards Used: I  
 Areas: Economic region  
 Sort: Large farms and farms in sample

Items Tabulated:

Part I

1. Farms (total number)
2. Hogs and pigs (F.R.):
3. Total
4. Under 4 months of age
5. 4 months of age and over
6. Any sows farrowed and/or to farrow, by number (F.R.):
7. Any sows
8. 1 sow
9. 2 sows
10. 3 sows
11. 4 sows
12. 5 sows
13. 6 sows
14. 7 sows
15. 8 sows
16. 9 sows
17. 10 sows or more
18. Animals sold alive (F.R.):
19. Any animals
20. Any meat animals
21. Any cattle or calves
22. Cattle
23. Calves
24. Hogs and pigs
25. Sheep and lambs
26. Horses and mules
27. No hogs and pigs (F.R.)
28. No animals sold alive (F.R.)
29. No meat animals sold alive (F.R.)
30. No cattle sold alive (F.R.)
31. No calves sold alive (F.R.)
32. Sale of meats, hides, etc. (F.R.):
33. Any sales
34. Sales of \$100 or more

## Part II

Animals butchered (F.R.):

1. Any animals
2. Any cattle or hogs
3. Any cattle or calves

Cattle, by number:

4. Any cattle
5. 1 head of cattle
6. 2 cattle
7. 3 cattle
8. 4 cattle
9. 5 cattle or more

## Items Tabulated--Part II--Con.

Calves, by number:

10. Any calves
11. 1 calf
12. 2 calves
13. 3 calves
14. 4 calves
15. 5 calves or more

Hogs, by number:

16. Any hogs
17. 1 hog
18. 2 hogs
19. 3 hogs
20. 4 hogs
21. 5-6 hogs
22. 7-9 hogs
23. 10 hogs or more
24. Any sheep
25. No hogs and pigs sold alive (F.R.)
26. No sheep and lambs sold alive (F.R.)
27. No horses and mules sold alive (F.R.)
28. No animals butchered (F.R.)

TABULATION: Co. 191-01

Cards Used: J  
 Areas: County  
 Sort: Minor civil division

Items Tabulated:

1. Farms (total number)
2. Total sheep and lambs:
3. Farms reporting
4. Number
5. Lambs under six months:
6. Farms reporting
7. Number
8. Any sheep or lambs 6 months of age and over (F.R.)
9. Yearling ewes:
10. Farms reporting
11. Number
12. Rams and wethers:
13. Farms reporting
14. Number

TABULATION: Co. 191-02

Cards Used: J  
 Areas: County  
 Sort: Minor civil division

Items Tabulated:

1. Farms (total number)
2. Total sheep and lambs:
3. Farms reporting
4. Number
5. Sheep and lambs shorn:
6. Farms reporting
7. Number
8. Wool produced (pounds)
9. Wool sold:
10. Farms reporting
11. Value of sales
12. Goats and kids (F.R.)
13. Rabbits (F.R.)
14. Fur animals (F.R.)
15. Sale of goats' milk, mohair, etc.:
16. Farms reporting
17. Value of sales

TABULATION: Co. 191-03

Cards Used: J  
 Areas: County  
 Sort: Sheep shorn group

Items Tabulated:

1. Total sheep and lambs:
2. Farms reporting
3. Number
4. Sheep and lambs shorn:
5. Farms reporting
6. Number
7. Wool produced (pounds)

## TABULATION: Co. 191-03--Con.

Items Tabulated--Con.  
 Wool sold:  
 6. Farms reporting  
 7. Value of sales  
 Lamba under 6 months old:  
 8. Farms reporting  
 9. Number  
 Sheep and lambs 6 months old and over:  
 Yearling ewes:  
 10. Farms reporting  
 11. Number  
 Older ewes:  
 12. Farms reporting  
 13. Number  
 Rams and wethers:  
 14. Farms reporting  
 15. Number

## TABULATION: E.R. 192-01

Cards Used: J cards for large farms and farms in sample

Areas: Economic region

Sort:

Type of farm  
 Size of farm  
 Economic class of farm  
 Color-tenure of operator  
 Large farms and farms in sample

Items Tabulated:

1. Farms (total number)
2. Total sheep and lambs:
3. Farms reporting
4. Number
5. Sheep and lambs shorn:
6. Farms reporting
7. Wool produced (pounds)
8. Value of sales
9. Sale of goats' milk, mohair, etc.
10. Farms reporting
11. Value of sales

## Summary Tabulations:

E.R. 197-03

Sort: Commercial farms and other farms, color-tenure of operator, large farms and farms in sample

Items: 1 - 10 above

E.R. 197-04

Sort: Economic class of farm, large farms and farms in sample

Items: 1 - 10 above

E.R. 197-05

Sort: Size of farm, large farms and farms in sample

Items: 1 - 10 above

E.R. 197-06

Sort: Commercial farms and other farms, type of farm, large farms and farms in sample

Items: 1 - 10 above

## TABULATION: E.R. 192-02

Cards Used: J cards for large farms and farms in sample

Areas: Economic region

Sort: Large farms and farms in sample

Items Tabulated:

1. Farms (total number)
2. Total sheep and lambs:
3. Farms reporting
4. Number
5. Any sheep or lambs 6 months of age and over (F.R.)
6. Ewes:
7. Farms reporting any
8. Number of yearling ewes
9. Number of older ewes
10. Rams and wethers:
11. Farms reporting
12. Number
13. Lamba under 6 months of age:
14. Farms reporting
15. Number
16. Goats and kids (F.R.)
17. Rabbits (F.R.)
18. Fur animals (F.R.)

## TABULATION: Co. 201-01

Cards Used: K

Areas: County

Sort: Minor civil division, commercial farms and other farms

Items Tabulated:

1. Farms (total number)
2. Chickens on hand:
3. Farms reporting
4. Number
5. Chickens sold:
6. Farms reporting
7. Number
8. Value of sales
9. Chicken eggs sold:
10. Farms reporting
11. Number
12. Value of sales
13. Other poultry and poultry products sold (F.R.)
14. Any poultry or poultry products sold (F.R.)

## Summary Tabulation:

Co. 205-01

Sort: Commercial farms and other farms

Items: 1 - 13 above

## TABULATION: Co. 201-02

Cards Used: K

Areas: County

Sort: Minor civil division

Items Tabulated:

1. Farms (total number)
2. Turkeys on hand:
3. Farms reporting
4. Number
5. Other poultry raised:
6. Ducks:
7. Farms reporting
8. Number
9. Geese (number)
10. Guineas (number)
11. Sales of other poultry and poultry products (F.R.)
12. Bees owned last year:
13. Hives:
14. Farms reporting
15. Number
16. Honey produced:
17. Farms reporting
18. Pounds
19. Sale of honey, wax, and bees:
20. Farms reporting
21. Value of sales

## TABULATION: Co. 201-03

Cards Used: K

Areas: County

Sort: Turkeys raised groups

Items Tabulated:

1. Farms (total number)
2. Turkeys raised (number)
3. Turkeys on hand:
4. Farms reporting
5. Number
6. Chickens on hand:
7. Farms reporting
8. Number
9. Other poultry raised (F.R.)
10. Other poultry and poultry products sold:
11. Farms reporting
12. Value of sales

## TABULATION: E.R. 202-01

Cards Used: K cards for large farms and farms in sample

Areas: Economic region

Sort:

Type of farm  
 Size of farm  
 Economic class of farm  
 Color-tenure of operator  
 Large farms and farms in sample

Items Tabulated:

1. Farms (total number)
2. Chickens on hand:
3. Farms reporting
4. Number
5. Chickens sold:
6. Farms reporting
7. Number
8. Value of sales
9. Chicken eggs sold:
10. Farms reporting
11. Number
12. Value of sales
13. Other poultry and poultry products (value of sales)
14. Honey, wax, and bees (value of sales)

## Summary Tabulations:

E.R. 207-03

Sort: Commercial farms and other farms, color-tenure of operator, large farms and farms in sample

Items: 1 - 11 above

E.R. 207-04

Sort: Economic class of farm, large farms and farms in sample

Items: 1 - 11 above

E.R. 207-05

Sort: Size of farm, large farms and farms in sample

Items: 1 - 11 above

E.R. 207-06

Sort: Commercial farms and other farms, type of farm, large farms and farms in sample

Items: 1 - 11 above

## TABULATION: E.R. 202-02

Cards Used: K cards for large farms and farms in sample

Areas: Economic region

Sort: Large farms and farms in sample

Items Tabulated:

1. Farms (total number)
2. Turkeys:
3. Number on hand
4. Number raised
5. Bees owned last year:
6. Farms reporting
7. Number of hives
8. Pounds of honey produced
9. Any poultry or poultry products sold (F.R.)

## TABULATION: E.R. 202-03

Cards Used: K cards for large farms and farms in sample

Areas: Economic region

Sort: Large farms and farms in sample; chickens on hand groups

Items Tabulated:

1. Farms (total number)
2. Chickens on hand (number)
3. Chickens sold:
4. Farms reporting
5. Number
6. Value of sales
7. Chicken eggs sold:
8. Farms reporting
9. Number of dozens
10. Value of sales
11. Turkeys raised:
12. Farms reporting
13. Number
14. Turkeys on hand:
15. Farms reporting
16. Number
17. Other poultry and poultry products sold:
18. Farms reporting
19. Value of sales

## Summary Tabulation:

E.R. 207-07

Sort: Chickens on hand groups, large farms and farms in sample

Items: 1 - 14 above

## TABULATION: Co. 203-01

Cards Used: K

Areas: County

Sort: Minor civil division

Items Tabulated:

## Part I

1. Chickens on hand, by size of flock (F.R.)
2. Farms (total number)
3. Chickens on hand, by number (F.R.):
4. Any chickens
5. Under 25 chickens
6. 25-49 chickens
7. 50-99 chickens
8. 100-199 chickens
9. 200-399 chickens
10. 400-799 chickens
11. 800-1,599 chickens
12. 1,600-3,199 chickens
13. 3,200 chickens and over
14. None
15. Other poultry (F.R.):
16. Ducks
17. Geese
18. Guineaas
19. Poves and pigeons
20. Pheasants
21. Quail
22. Other and unspecified poultry
23. Any other poultry or poultry products sold (F.R.)
24. Chickens sold (F.R.):
25. Any chickens
26. Under 50 chickens
27. 50-99 chickens
28. 100-199 chickens
29. 200-399 chickens
30. 400-799 chickens
31. 800-1,599 chickens
32. 1,600-3,199 chickens
33. 3,200 chickens and over
34. Any poultry or poultry products sold (F.R.)

## Part II

1. Eggs sold (dozens) (F.R.):
2. Any eggs sold
3. Under 100 dozens
4. 100-399 dozens
5. 400-799 dozens
6. 800-1,599 dozens
7. 1,600-2,999 dozens
8. 3,000-4,999 dozens
9. 5,000 dozens and over
10. Hives of bees (F.R.):
11. Any hives
12. 1-9 hives
13. 10-39 hives
14. 40-159 hives
15. 160-319 hives
16. 320-639 hives
17. 640 hives and over
18. Honey produced (F.R.)
19. Sale of honey, wax, and bees (F.R.)
20. Turkeys on hand (F.R.):
21. Any turkeys
22. Under 25 turkeys
23. 25-49 turkeys
24. 50-99 turkeys
25. 100-199 turkeys
26. 200-399 turkeys
27. 400-799 turkeys
28. 800-1,599 turkeys
29. 1,600 turkeys and over
30. Turkeys on hand or raised (F.R.)
31. No other poultry or products sold (F.R.)

## TABULATION: Co. 221-01

Cards Used: N

Areas: County

Sort: None

Items Tabulated:

1. Farms (total number)
2. Total goats and kids:
3. Farms reporting
4. Number
5. Angora goats and kids:
6. Farms reporting
7. Number
8. Other goats and kids:
9. Farms reporting
10. Number

## TABULATION: Co. 221-01--Con.

Items Tabulated--Con.  
Goats and kids clipped:  
8. Farms reporting  
9. Number  
10. Mohair produced (pounds)  
Goat milk and mohair sold:  
11. Farms reporting  
12. Value of sales

## TABULATION: E.R. 222-01

Cards Used: N cards for large farms and farms in sample  
Areas: Economic region  
Sort:  
Commercial farms and other farms, color-tenure of operator, large farms and farms in sample  
Items Tabulated:  
1. Farms (total number)  
Total goats and kids:  
2. Farms reporting  
3. Number  
Angora goats and kids:  
4. Farms reporting  
5. Number  
Other goats and kids:  
6. Farms reporting  
7. Number  
Goats and kids clipped:  
8. Farms reporting  
9. Number  
10. Mohair produced (pounds)  
Goat milk and mohair sold:  
11. Farms reporting  
12. Value of sales

## TABULATION: E.R. 222-02

Cards Used: N cards for large farms and farms in sample  
Areas: Economic region  
Sort: Economic class of farm, large farms and farms in sample  
Items Tabulated:  
1. Farms (total number)  
Total goats and kids:  
2. Farms reporting  
3. Number  
Angora goats and kids:  
4. Farms reporting  
5. Number  
Other goats and kids:  
6. Farms reporting  
7. Number  
Goats and kids clipped:  
8. Farms reporting  
9. Number  
10. Mohair produced (pounds)  
Goat milk and mohair sold:  
11. Farms reporting  
12. Value of sales

## TABULATION: E.R. 222-03

Cards Used: N cards for large farms and farms in sample  
Areas: Economic region  
Sort: Size of farm, large farms and farms in sample  
Items Tabulated:  
1. Farms (total number)  
Total goats and kids:  
2. Farms reporting  
3. Number  
Angora goats and kids:  
4. Farms reporting  
5. Number  
Other goats and kids:  
6. Farms reporting  
7. Number  
Goats and kids clipped:  
8. Farms reporting  
9. Number  
10. Mohair produced (pounds)  
Goat milk and mohair sold:  
11. Farms reporting  
12. Value of sales

## TABULATION: E.R. 222-04

Cards Used: N cards for large farms and farms in sample  
Areas: Economic region  
Sort:  
Commercial farms and other farms, type of farm, large farms and farms in sample  
Items Tabulated:  
1. Farms (total number)  
Total goats and kids:  
2. Farms reporting  
3. Number  
Angora goats and kids:  
4. Farms reporting  
5. Number  
Other goats and kids:  
6. Farms reporting  
7. Number  
Goats and kids clipped:  
8. Farms reporting  
9. Number  
10. Mohair produced (pounds)  
Goat milk and mohair sold:  
11. Farms reporting  
12. Value of sales

## TABULATION: Co. 912-01

Cards Used: B cards for large farms and farms in sample  
Areas: County  
Sort:  
Commercial farms and other farms  
Complete or incomplete reporting of acres and value  
Large farms and farms in sample  
Items Tabulated:  
1. Farms (total number)  
Land owned:  
2. Farms reporting  
3. Acres  
4. Value of land and buildings  
Land rented from others or managed for others:  
5. Farms reporting  
6. Acres  
7. Value of land and buildings  
Land rented to others:  
8. Farms reporting  
9. Acres  
10. Value of land and buildings  
Land in farms (in Summary Tabulations only):  
11. Acres  
12. Value

## Summary Tabulations:

Co. 917-01  
Sort: Commercial farms and other farms, large farms and farms in sample, complete and incomplete reporting of acres and value  
Items: 1, 3, 4, 6, 7, 9 - 12 above  
Co. 917-11  
Sort: Large farms and farms in sample, complete or incomplete reporting of acres and value  
Items: 1, 3, 4, 6, 7, 9 - 12 above

## TABULATION: Co. 912-02

Cards Used: B cards for large farms and farms in sample  
Areas: County  
Sort:  
Irrigation  
Complete or incomplete reporting of acres and value  
Large farms and farms in sample  
Items Tabulated:  
1. Farms (total number)  
Land owned:  
2. Farms reporting  
3. Acres  
4. Value of land and buildings  
Land rented from others or managed for others:  
5. Farms reporting  
6. Acres  
7. Value of land and buildings  
Land rented to others:  
8. Farms reporting  
9. Acres  
10. Value of land and buildings  
Land in farms (in Summary Tabulations only):  
11. Acres  
12. Value

## Summary Tabulation:

Co. 917-02  
Sort: Large farms and farms in sample, complete or incomplete reporting of acres and value, irrigated farms only  
Items: 1, 3, 4, 6, 7, 9 - 12 above

## TABULATION: E.R. 912-03

Cards Used: B cards for large farms and farms in sample, for full owners and part owners only  
Areas: Economic region  
Sort:  
Mortgage status  
Land rented out  
Complete or incomplete reporting of acres and value  
Tenure of operator (full or part owner)  
Large farms and farms in sample

Items Tabulated:  
1. Farms (total number)  
Land owned:  
2. Acres  
3. Value of land and buildings  
Value of land and buildings (F.R.):  
4. Under \$1,000  
5. \$1,000-\$1,999  
6. \$2,000-\$2,999  
7. \$3,000-\$4,999  
8. \$5,000-\$9,999  
9. \$10,000-\$14,999  
10. \$15,000-\$24,999  
11. \$25,000-\$49,999  
12. \$50,000 and over  
13. Mortgage debt (amount)  
Cropland harvested:  
14. Farms reporting  
15. Total acres

## TABULATION: E.R. 912-04

Cards Used: B cards for large farms and farms in sample, for full owners and part owners only  
Areas: Economic region  
Sort:  
Tax status  
Land rented out  
Complete or incomplete reporting of acres and value  
Tenure of operator (full or part owner)  
Large farms and farms in sample

Items Tabulated:  
1. Farms (total number)  
Land owned:  
2. Acres  
3. Value of land and buildings  
Value of land and buildings (F.R.):  
4. Under \$1,000  
5. \$1,000-\$1,999  
6. \$2,000-\$2,999  
7. \$3,000-\$4,999  
8. \$5,000-\$9,999  
9. \$10,000-\$14,999  
10. \$15,000-\$24,999  
11. \$25,000-\$49,999  
12. \$50,000 and over  
Cropland harvested:  
13. Farms reporting  
14. Total acres  
15. Taxes (amount):  
16. Real estate

## TABULATION: E.R. 912-05

Cards Used: B cards for large farms and farms in sample, for part owners and cash tenants only  
Areas: Economic region  
Sort:  
Commercial farms and other farms  
Relation to landlord  
Tenure of operator (part owners or cash tenants)  
Complete or incomplete reporting of acres and value  
Large farms and farms in sample

## Items Tabulated:

1. Farms (total number)  
Land rented from others:  
2. Acres  
3. Value of land and buildings  
Value of land and buildings rented from others (F.R.):  
4. Under \$1,000  
5. \$1,000-\$1,999  
6. \$2,000-\$2,999  
7. \$3,000-\$4,999  
8. \$5,000-\$9,999  
9. \$10,000-\$14,999  
10. \$15,000-\$24,999  
11. \$25,000-\$49,999  
12. \$50,000 and over  
13. Cash rent paid (amount)  
Cropland harvested:  
14. Farms reporting  
15. Total acres

## TABULATION: E.R. 912-06

Cards Used: B cards for large farms and farms in sample  
Areas: Economic region  
Sort:  
Type of farm  
Size of farm  
Economic class of farm  
Color-tenure of operator  
Complete or incomplete reporting of acres and value  
Large farms and farms in sample  
Items Tabulated:  
1. Farms (total number)  
Land owned:  
2. Farms reporting  
3. Acres  
4. Value of land and buildings  
Land rented from others or managed for others:  
5. Farms reporting  
6. Acres  
7. Value of land and buildings  
Land rented to others:  
8. Farms reporting  
9. Acres  
10. Value of land and buildings  
Land in farms (in Summary Tabulations only):  
11. Acres  
12. Value

## Summary Tabulations:

E.R. 917-12  
Sort: Color, large farms and farms in sample, tenure, complete or incomplete reporting of acres and value, commercial farms and other farms  
Items: 1, 3, 4, 6, 7, 9 - 12 above  
E.R. 917-13  
Sort: Large farms and farms in sample, economic class of farm, complete or incomplete reporting of acres and value  
Items: 1, 3, 4, 6, 7, 9 - 12 above  
E.R. 917-14  
Sort: Large farms and farms in sample, size of farm, complete or incomplete reporting of acres and value  
Items: 1, 3, 4, 6, 7, 9 - 12 above  
E.R. 917-15  
Sort: Large farms and farms in sample, type of farm, complete or incomplete reporting of acres and value, commercial farms and other farms  
Items: 1, 3, 4, 6, 7, 9 - 12 above

## TABULATION: Co. 922-01

Cards Used: L cards for large farms and farms in sample  
Areas: County  
Sort: Large farms and farms in sample  
Items Tabulated:  
1. Farms (total number)  
2. Corn pickers (number)  
3. Grain combines (number)

## TABULATION: Co. 922-01--Con.

## Items Tabulated--Con.

- Total value of products:
4. All farms
  5. Non-commercial farms
  6. Pick-up hay balers (number)
  7. Silos (number):
  8. Upright
  9. Pit or trench
  9. Motor trucks (number)
  - Tractors, by type (number):
  10. Wheel
  11. Garden
  12. Crawler
  - Distance to trading center (miles):
  13. Total
  14. Dirt road (tenths of miles)
  15. Autos (number)

## Summary Tabulation:

- Co. 927-01  
Sort: Large farms and farms in sample  
Items: 1 - 15 above

## TABULATION: E.R. 922-02

Cards Used: L cards for large farms and farms in sample

Areas: Economic region

## Sort:

- Type of farm  
Size of farm  
Economic class of farm  
Color-tenure of operator  
Large farms and farms in sample

## Items Tabulated:

1. Farms (total number)
2. Tractors, by type (number):
3. Wheel
4. Garden
5. Crawler
- Farm equipment and vehicles (number):
6. Motor trucks
7. Autos
8. Grain combines
9. Corn pickers
10. Pick-up hay balers
- Sum of years of newest model:
11. Autos
12. Trucks
12. Wheel tractors

## Summary Tabulations:

- E.R. 927-04  
Sort: Color, large farms and farms in sample, tenure, commercial farms and other farms  
Items: 1 - 12 above
- E.R. 927-05  
Sort: Economic class of farm, large farms and farms in sample  
Items: 1 - 12 above
- E.R. 927-06  
Sort: Large farms and farms in sample, size of farm  
Items: 1 - 12 above
- E.R. 927-07  
Sort: Large farms and farms in sample, type of farm, commercial farms and other farms  
Items: 1 - 12 above

## TABULATION: Co. 924-01

Cards Used: L cards for large farms and farms in sample

Areas: County

Sort: Large farms and farms in sample, commercial farms and other farms

## Items Tabulated:

## Part I

1. Monthly electric bill (amount)
2. Farms (total number)
- Electricity (F.R.):
3. Any
4. Monthly electric bill
5. Telephone (F.R.)
6. Autos (F.R.)
7. Tractors, wheel and/or crawlers (F.R.)
8. Corn pickers (F.R.)

## Items Tabulated--Part I--Con.

- Kind of road (F.R.):
9. Hard surface
  10. Gravel, shell, or shale
  11. Dirt, unimproved
  12. Total value of products sold (F.R.)
  13. Grain combines (F.R.)
  14. Pick-up hay balers (F.R.)
  15. Upright silos (F.R.)
  16. Pit or trench silos (F.R.)
  - Electric facilities (F.R.):
  17. Electricity from power line
  18. Water pump
  19. Hot water heater
  20. Home freezer
  21. Washing machine
  22. Chick brooder
  23. Power feed grinder
  24. Motor trucks (F.R.)
  - Tractors (F.R.):
  25. Any
  26. Wheel
  27. Garden
  28. Crawlers
  29. Milking machines (F.R.)
  - Date of enumeration (F.R.):
  30. April 14 and earlier
  31. April 15-28

## Part II

- Class of work power (F.R.):
1. No tractor, horses or mules
  2. No tractor and only 1 horse or mule
  3. No tractor and 2 or more horses and/or mules
  4. Tractor and horses and/or mules
  5. Tractor and no horses or mules
  - Distance to trading center (F.R.):
  6. Farms reporting distance
  7. Under 1 mile
  8. 1-4 miles
  9. 5-9 miles
  10. 10 miles and over
  - Distance over dirt roads (F.R.):
  11. Farms reporting any
  12. 0.0 to 0.2 miles
  13. 0.3 to 0.9 miles
  14. 1.0 to 4.9 miles
  15. 5.0 miles and over
  16. None
  - Value of products sold (F.R.):
  17. No sales
  18. \$1-\$249
  19. \$250-\$399
  20. \$400-\$599
  21. \$600-\$999
  22. \$1,000-\$1,499
  23. \$1,500-\$2,499
  24. \$2,500-\$3,999
  25. \$4,000-\$5,999
  26. \$6,000-\$9,999
  27. \$10,000 and over
  - Date of enumeration (F.R.):
  28. April 29 to May 12
  29. May 13 to June 2
  30. June 3 and later

## Summary Tabulations:

- Co. 929-01 (Source - Co. 924-01, Part I)  
Sort: Commercial farms and other farms, large farms and farms in sample  
Items: 1 - 16 above
- Co. 929-02 (Source - Co. 924-01, Part I)  
Sort: Large farms and farms in sample  
Items: 17 - 31 above
- Co. 929-03 (Source - Co. 924-01, Part II)  
Sort: Large farms and farms in sample  
Items: 1 - 16 above
- Co. 929-04 (Source - Co. 924-01, Part II)  
Sort: Large farms and farms in sample  
Items: 17 - 30 above

## TABULATION: E.R. 924-02

Cards Used: L cards for large farms and farms in sample

Areas: Economic region

## Sort:

- Color-tenure of operator  
Large farms and farms in sample  
Commercial farms and other farms

## Items Tabulated:

## Part I

1. Farms (total number)
2. Any
3. Monthly bill
- Sources:
4. Power line
5. Home plant

## Items Tabulated--Part I--Con.

- Electric facilities (F.R.):
6. Water pump
  7. Hot water heater
  8. Home freezer
  9. Washing machine
  10. Chick brooder
  11. Power feed grinder
  12. Telephone (F.R.)
  13. Milking machine (F.R.)
  14. Grain combine (F.R.)
  15. Corn picker (F.R.)
  - Tractors (F.R.):
  16. Any
  - Wheel tractors:
  17. Any
  - Year of latest model:
  18. Farms reporting
  19. Under 5 years
  20. 5-9 years
  21. 10 years and over
  22. Garden
  23. Crawler
  24. Wheel and/or crawler
  - Classes of work power (F.R.):
  25. No tractors, horses or mules
  26. No tractors, only 1 horse or mule
  27. No tractors, 2 or more horses and/or mules
  28. Tractor and horses and/or mules
  29. Tractor and no horses or mules
  30. Total value of products sold (F.R.)
  31. Last monthly electric bill (amount)

## Part II

1. Total value of products (amount)
- Autos (F.R.):
2. Any
- Year of newest model:
3. Farms reporting
4. Under 5 years
5. 5-9 years
6. 10 years and over
- Motor trucks (F.R.):
7. Any
- Year of newest model:
8. Farms reporting
9. Under 5 years
10. 5-9 years
11. 10 years and over
12. Pick-up hay balers (F.R.)
13. Silos (F.R.)
- Kind of road (F.R.):
14. Hard surface
15. Gravel, shell, or shale
16. Dirt or unimproved
17. Motor truck and no auto (F.R.)
- Tractors (F.R.):
- Wheel and/or crawler tractors:
18. Any
19. 1 tractor
20. 2 tractors
21. 3 tractors or more
22. Wheel tractor and no others
23. Garden tractor and no others
24. Crawler tractor and no others
- Last monthly electric bill (F.R.):
25. \$1.00 to \$2.99
26. \$3.00 to \$4.99
27. \$5.00 to \$9.99
28. \$10.00 to \$14.99
29. \$15.00 to \$19.99
30. \$20.00 to \$24.99
31. \$25.00 and over

## Summary Tabulations:

- E.R. 929-05 (Source - E.R. 924-02, Part I)  
Sort: Color, large farms and farms in sample, tenure, commercial farms and other farms  
Items: 1 - 15 above
- E.R. 929-06 (Source - E.R. 924-02, Part I)  
Sort: Color, large farms and farms in sample, tenure, commercial farms and other farms  
Items: 16 - 31 above
- E.R. 929-07 (Source - E.R. 924-02, Part II)  
Sort: Color, large farms and farms in sample, tenure, commercial farms and other farms  
Items: 1 - 16 above
- E.R. 929-08 (Source - E.R. 924-02, Part II)  
Sort: Large farms and farms in sample  
Items: 17 - 31 above

## TABULATION: E.R. 924-03

Cards Used: L cards for large farms and farms in sample

Areas: Economic region

## Sort:

- Type of farm  
Large farms and farms in sample  
Commercial farms and other farms

## Items Tabulated:

## Part I

1. Farms (total number)
- Electricity (F.R.):
2. Any
3. Monthly bill
- Sources:
4. Power line
5. Home plant
- Electric facilities (F.R.):
6. Water pump
7. Hot water heater
8. Home freezer
9. Washing machine
10. Chick brooder
11. Power feed grinder
12. Telephone (F.R.)
13. Milking machine (F.R.)
14. Grain combine (F.R.)
15. Corn picker (F.R.)
- Tractors (F.R.):
16. Any
- Wheel tractors:
17. Any
- Year of latest model:
18. Farms reporting
19. Under 5 years
20. 5-9 years
21. 10 years and over
22. Garden
23. Crawler
24. Wheel and/or crawler
- Classes of work power (F.R.):
25. No tractors, horses or mules
26. No tractors, only 1 horse or mule
27. No tractors, 2 or more horses and/or mules
28. Tractor and horses and/or mules
29. Tractor and no horses or mules
30. Total value of products sold (F.R.)
31. Last monthly electric bill (amount)

## Part II

1. Total value of products (amount)
- Autos (F.R.):
2. Any
- Year of newest model:
3. Farms reporting
4. Under 5 years
5. 5-9 years
6. 10 years and over
- Motor trucks (F.R.):
7. Any
- Year of newest model:
8. Farms reporting
9. Under 5 years
10. 5-9 years
11. 10 years and over
12. Pick-up hay balers (F.R.)
13. Silos (F.R.)
- Kind of road (F.R.):
14. Hard surface
15. Gravel, shell, or shale
16. Dirt or unimproved
17. Motor truck and no auto (F.R.)
- Tractors (F.R.):
- Wheel and/or crawler tractors:
18. Any
19. 1 tractor
20. 2 tractors
21. 3 tractors or more
22. Wheel tractor and no others
23. Garden tractor and no others
24. Crawler tractor and no others
- Last monthly electric bill (F.R.):
25. \$1.00 to \$2.99
26. \$3.00 to \$4.99
27. \$5.00 to \$9.99
28. \$10.00 to \$14.99
29. \$15.00 to \$19.99
30. \$20.00 to \$24.99
31. \$25.00 and over

## Summary Tabulations:

- E.R. 929-15 (Source - E.R. 924-03, Part I)  
Sort: Large farms and farms in sample, type of farm, commercial farms and other farms  
Items: 1 - 15 above
- E.R. 929-16 (Source - E.R. 924-03, Part I)  
Sort: Large farms and farms in sample, type of farm, commercial farms and other farms  
Items: 16 - 31 above
- E.R. 929-17 (Source - E.R. 924-03, Part II)  
Sort: Color, large farms and farms in sample, tenure, commercial farms and other farms  
Items: 1 - 16 above



## TABULATION: E.R. 924-04

Cards Used: L cards for large farms and farms in sample

Areas: Economic region

Sort: Large farms and farms in sample

Items Tabulated:

## Part I

1. Farms (total number)
- Year of newest model motor trucks (F.R.):
2. 1950
3. 1949
4. 1948
5. 1947
6. 1946
7. 1945
8. 1944
9. 1943
10. 1942
11. 1941
12. 1936 to 1940
13. 1931 to 1935
14. 1930 and earlier
15. Total
- Year of newest model automobile (F.R.):
16. 1950
17. 1949
18. 1948
19. 1947
20. 1946
21. 1945
22. 1944
23. 1943
24. 1942
25. 1941
26. 1936 to 1940
27. 1931 to 1935
28. 1930 and earlier
29. Total
30. Home made wheel tractors (F.R.)

## Part II

1. Farms (total number)
- Year of newest model wheel tractors (F.R.):
2. 1950
3. 1949
4. 1948
5. 1947
6. 1946
7. 1945
8. 1944
9. 1943
10. 1942
11. 1941
12. 1936 to 1940
13. 1931 to 1935
14. 1930 and earlier
15. Total
16. Two sources of electricity (F.R.)

## TABULATION: E.R. 924-06

Cards Used: L cards for large farms and farms in sample

Areas: Economic region

Sort: Economic class of farm, large farms and farms in sample

Items Tabulated:

## Part I

1. Farms (total number)
- Electricity (F.R.):
2. Any
3. Monthly bill
- Source:
4. Power line
5. Home plant
- Electric facilities (F.R.):
6. Water pump
7. Hot water heater
8. Home freezer
9. Washing machine
10. Chick brooder
11. Power feed grinder
12. Telephone (F.R.)
13. Milking machine (F.R.)
14. Grain combine (F.R.)
15. Corn picker (F.R.)

## Items Tabulated--Part I--Con.

- Tractors (F.R.):
16. Any
- Wheel tractors:
17. Any
- Year of latest model:
18. Farms reporting
19. Under 5 years
20. 5-9 years
21. 10 years and over
22. Garden
23. Crawler
24. Wheel and/or crawler
- Classes of work power (F.R.):
25. No tractors, horses or mules
26. No tractors, only 1 horse or mule
27. No tractors, 2 or more horses and/or mules
28. Tractor and horses and/or mules
29. Tractor and no horses or mules
30. Total value of products sold (F.R.)
31. Last monthly electric bill (amount)

## Part II

1. Total value of products (amount)
- Autos (F.R.):
2. Any
- Year of newest model:
3. Farms reporting
4. Under 5 years
5. 5-9 years
6. 10 years and over
- Motor trucks (F.R.):
7. Any
- Year of newest model:
8. Farms reporting
9. Under 5 years
10. 5-9 years
11. 10 years and over
12. Pick-up hay balers (F.R.)
13. Silos (F.R.)
- Kind of road (F.R.):
14. Hard surface
15. Gravel, shell, or shale
16. Dirt or unimproved
- Motor truck and no auto (F.R.)
- Tractors (F.R.):
18. Any
19. 1 tractor
20. 2 tractors
21. 3 tractors or more
22. Wheel tractor and no others
23. Garden tractor and no others
24. Crawler tractor and no others
- Last monthly electric bill (F.R.):
25. \$1.00 to \$2.99
26. \$3.00 to \$4.99
27. \$5.00 to \$9.99
28. \$10.00 to \$14.99
29. \$15.00 to \$19.99
30. \$20.00 to \$24.99
31. \$25.00 and over

## Summary Tabulations:

E.R. 929-09 (Source - E.R. 924-06, Part I)  
Sort: Economic class of farm, large farms and farms in sample  
Items: 1 - 15 above

E.R. 929-10 (Source - E.R. 924-06, Part I)  
Sort: Economic class of farm, large farms and farms in sample  
Items: 16 - 31 above

E.R. 929-11 (Source-E.R. 924-06, Part II)  
Sort: Economic class of farm, large farms and farms in sample  
Items: 1 - 16 above

## TABULATION: E.R. 924-07

Cards Used: L cards for large farms and farms in sample

Areas: Economic region

Sort: Size, large farms and farms in sample

Items Tabulated:

## Part I

1. Farms (total number)
- Electricity (F.R.):
2. Any
3. Monthly bill
- Source:
4. Power line
5. Home plant

## Items Tabulated--Part I--Con.

- Electric facilities (F.R.):
6. Water pump
7. Hot water heater
8. Home freezer
9. Washing machine
10. Chick brooder
11. Power feed grinder
12. Telephone (F.R.)
13. Milking machine (F.R.)
14. Grain combine (F.R.)
15. Corn picker (F.R.)
- Tractors (F.R.):
16. Any
- Wheel tractors:
17. Any
- Year of latest model:
18. Farms reporting
19. Under 5 years
20. 5-9 years
21. 10 years and over
22. Garden
23. Crawler
24. Wheel and/or crawler
- Classes of work power (F.R.):
25. No tractors, horses or mules
26. No tractors, only 1 horse or mule
27. No tractors, 2 or more horses and/or mules
28. Tractor and horses and/or mules
29. Tractor and no horses or mules
30. Total value of products sold (F.R.)
31. Last monthly electric bill (amount)

## Part II

1. Total value of products (amount)
- Autos (F.R.):
2. Any
- Year of newest model:
3. Farms reporting
4. Under 5 years
5. 5-9 years
6. 10 years and over
- Motor trucks (F.R.):
7. Any
- Year of newest model:
8. Farms reporting
9. Under 5 years
10. 5-9 years
11. 10 years and over
12. Pick-up hay balers (F.R.)
13. Silos (F.R.)
- Kind of road (F.R.):
14. Hard surface
15. Gravel, shell, or shale
16. Dirt or unimproved
- Motor truck and no auto (F.R.)
- Tractors (F.R.):
18. Any
19. 1 tractor
20. 2 tractors
21. 3 tractors or more
22. Wheel tractor and no others
23. Garden tractor and no others
24. Crawler tractor and no others
- Last monthly electric bill (F.R.):
25. \$1.00 to \$2.99
26. \$3.00 to \$4.99
27. \$5.00 to \$9.99
28. \$10.00 to \$14.99
29. \$15.00 to \$19.99
30. \$20.00 to \$24.99
31. \$25.00 and over

## Summary Tabulations:

E.R. 929-12 (Source - E.R. 924-07, Part I)  
Sort: Size of farm, large farms and farms in sample  
Items: 1 - 15 above

E.R. 929-13 (Source - E.R. 924-07, Part I)  
Sort: Size of farm, large farms and farms in sample  
Items: 16 - 31 above

E.R. 929-14 (Source-E.R. 924-07, Part II)  
Sort: Size of farm, large farms and farms in sample  
Items: 1 - 16 above

## TABULATION: Co. 932-01

Cards Used: M cards for large farms and farms in sample

Areas: County

Sort: Commercial farms and other farms, large farms and farms in sample

## Items Tabulated:

1. Farms (total number)
2. Family workers (number)
- Hired workers (number):
3. Total
4. To work 150 days or more
5. To work less than 150 days
- Farm expenditures (amount):
6. Machine hire
7. Hired labor
8. Feed for livestock and poultry
9. Purchase of livestock and poultry
10. Seed, bulbs, plants, trees, etc.
11. Gasoline and other fuel and oil
12. Tractor repairs
13. Other machinery repairs

## Summary Tabulation:

Co. 937-01  
Sort: Large farms and farms in sample, economic class of farm  
Items: 1 - 13 above

## TABULATION: E.R. 932-02

Cards Used: M cards for large farms and farms in sample

Areas: Economic region

Sort:

Type of farm  
Size of farm  
Economic class of farm  
Color-tenure of operator  
Large farms and farms in sample

## Items Tabulated:

1. Farms (total number)
2. Family workers (number)
- Hired workers (number):
3. Total
4. To work 150 days or more
5. To work less than 150 days
- Farm expenditures (amount):
6. Machine hire
7. Hired labor
8. Feed for livestock and poultry
9. Purchase of livestock and poultry
10. Seed, bulbs, plants, trees, etc.
11. Gasoline and other fuel and oil
12. Tractor repairs
13. Other machinery repairs

## Summary Tabulations:

E.R. 937-06  
Sort: Commercial farms and other farms, color-tenure of operator, large farms and farms in sample  
Items: 1 - 13 above

E.R. 937-07  
Sort: Large farms and farms in sample, economic class of farm  
Items: 1 - 13 above

E.R. 937-08  
Sort: Large farms and farms in sample, size of farm  
Items: 1 - 13 above

E.R. 937-09  
Sort: Large farms and farms in sample, type of farm, commercial farms and other farms  
Items: 1 - 13 above

## TABULATION: E.R. 932-03

Cards Used: M cards for large farms and farms in sample

Areas: Economic region

Sort:

Basis of pay  
Complete or incomplete reporting of rates and hours of types of hired workers  
Large farms and farms in sample

## Items Tabulated:

1. Each pay basis (F.R.)
2. Farms (total number)
- Hired workers (number):
3. Total
4. To work 150 days or more
5. To work less than 150 days
- Rate of pay and hours worked by hired workers (F.R.):
6. Persons
7. Extended rate of pay
8. Extended hours
9. Hired workers for farms with no trailers (F.R.)

TABULATION: Co. 934-01  
 Cards Used: M cards for large farms and farms in sample  
 Areas: County  
 Sort: Economic class of farm, large farms and farms in sample  
 Items Tabulated:

## Part I

1. Farms (total number)
2. Operator's hours worked (F.R.):
3. Total
4. 1-14 hours
5. 15-34 hours
6. 35-54 hours
7. 55 hours and over
8. None
9. Specified types of workers (F.R.):
10. No operators or family workers
11. Permanent hired workers to work 150 days or more
12. Temporary hired workers to work less than 150 days
13. Permanent and no temporary
14. Both permanent and temporary
15. Temporary workers and no permanent
16. No report of period of expected employment
17. Hired workers by basis of pay (F.R.):
18. Month
19. Week
20. Day
21. Hour
22. Piece-work
23. No basis of pay
24. Specified types of workers (F.R.):
25. Operator and family only
26. Operator only
27. Family only
28. Operator, family, and hired
29. Operator and hired only
30. Family and hired only
31. Hired only
32. No workers

## Part II

1. Tractors and/or machinery repairs (F.R.)
2. Types of workers (F.R.):
3. Operator and/or family and/or hired
4. Operator and/or family
5. Operator
6. Family
7. Hired
8. Expenditures (F.R.):
9. Any
10. Machine hire and/or hired labor
11. Machine hire
12. Hired labor
13. Feed for livestock and poultry
14. Purchase of livestock and poultry
15. Seeds, bulbs, plants, trees, etc.
16. Gasoline and other fuel and oil
17. Tractor repairs
18. Other machinery repairs
19. Expenditures for hired labor (F.R.):
20. Any
21. \$1-\$99
22. \$100-\$199
23. \$200-\$499
24. \$500-\$999
25. \$1,000-\$2,499
26. \$2,500 and over
27. No hired workers last week and reporting expenditures for hired labor during last year (F.R.):
28. Any
29. \$1-\$99
30. \$100-\$199
31. \$200-\$499
32. \$500-\$999
33. \$1,000-\$2,499
34. \$2,500 and over
35. None

## Summary Tabulation:

Co. 939-01 (Source - Co. 934-01, Part II)  
 Sort: Large farms and farms in sample, commercial farms and other farms  
 Items: 2 - 16 above

## TABULATION: E.R. 934-02

Cards Used: M cards for large farms and farms in sample  
 Areas: Economic region  
 Sort: Economic class of farm, large farms and farms in sample

## Items Tabulated:

## Part I

1. Farms (total number)
2. Operator's hours worked (F.R.):
3. Total
4. 1-14 hours
5. 15-34 hours
6. 35-54 hours
7. 55 hours and over
8. None
9. Specified types of workers (F.R.):
10. No operators or family workers
11. Permanent hired workers to work 150 days or more
12. Temporary hired workers to work less than 150 days
13. Permanent and no temporary
14. Both permanent and temporary
15. Temporary workers and no permanent
16. No report of period of expected employment
17. Hired workers by basis of pay (F.R.):
18. Month
19. Week
20. Day
21. Hour
22. Piece-work
23. No basis of pay
24. Specified types of workers (F.R.):
25. Operator and family only
26. Operator only
27. Family only
28. Operator, family, and hired
29. Operator and hired only
30. Family and hired only
31. Hired only
32. No workers

## Part II

1. Tractors and/or machinery repairs (F.R.)
2. Types of workers (F.R.):
3. Operator and/or family and/or hired
4. Operator and/or family
5. Operator
6. Family
7. Hired
8. Expenditures (F.R.):
9. Any
10. Machine hire and/or hired labor
11. Machine hire
12. Hired labor
13. Feed for livestock and poultry
14. Purchase of livestock and poultry
15. Seeds, bulbs, plants, trees, etc.
16. Gasoline and other fuel and oil
17. Tractor repairs
18. Other machinery repairs
19. Expenditures for hired labor (F.R.):
20. Any
21. \$1-\$99
22. \$100-\$199
23. \$200-\$499
24. \$500-\$999
25. \$1,000-\$2,499
26. \$2,500 and over
27. No hired workers last week and reporting expenditures for hired labor during last year (F.R.):
28. Any
29. \$1-\$99
30. \$100-\$199
31. \$200-\$499
32. \$500-\$999
33. \$1,000-\$2,499
34. \$2,500 and over
35. None

## Summary Tabulations:

E.R. 939-04 (Source - E.R. 934-02, Part I)  
 Sort: Large farms and farms in sample, economic class of farm  
 Items: 1 - 15 above  
 E.R. 939-09 (Source - E.R. 934-02, Part I)  
 Sort: Large farms and farms in sample, economic class of farm  
 Items: 16 - 29 above

E.R. 939-14 (Source - E.R. 934-02, Part II)  
 Sort: Large farms and farms in sample, economic class of farm  
 Items: 1 - 16 above

E.R. 939-17 (Source - E.R. 934-02, Part II)  
 Sort: Large farms and farms in sample  
 Items: 17 - 25 above

## TABULATION: E.R. 934-03

Cards Used: M cards for large farms and farms in sample  
 Areas: Economic region  
 Sort: Type of farm  
 Large farms and farms in sample  
 Commercial farms and other farms  
 Items Tabulated:

## Part I

1. Farms (total number)
2. Operator's hours worked (F.R.):
3. Total
4. 1-14 hours
5. 15-34 hours
6. 35-54 hours
7. 55 hours and over
8. None
9. Specified types of workers (F.R.):
10. No operators or family workers
11. Permanent hired workers to work 150 days or more
12. Temporary hired workers to work less than 150 days
13. Permanent and no temporary
14. Both permanent and temporary
15. Temporary workers and no permanent
16. No report of period of expected employment
17. Hired workers by basis of pay (F.R.):
18. Month
19. Week
20. Day
21. Hour
22. Piece-work
23. No basis of pay

## Part II

1. Tractors and/or machinery repairs (F.R.)
2. Types of workers (F.R.):
3. Operator and/or family and/or hired
4. Operator and/or family
5. Operator
6. Family
7. Hired
8. Expenditures (F.R.):
9. Any
10. Machine hire and/or hired labor
11. Machine hire
12. Hired labor
13. Feed for livestock and poultry
14. Purchase of livestock and poultry
15. Seeds, bulbs, plants, trees, etc.
16. Gasoline and other fuel and oil
17. Tractor repairs
18. Other machinery repairs
19. Expenditures for hired labor (F.R.):
20. Any
21. \$1-\$99
22. \$100-\$199
23. \$200-\$499
24. \$500-\$999
25. \$1,000-\$2,499
26. \$2,500 and over
27. No hired workers last week and reporting expenditures for hired labor during last year (F.R.):
28. Any
29. \$1-\$99
30. \$100-\$199
31. \$200-\$499
32. \$500-\$999
33. \$1,000-\$2,499
34. \$2,500 and over
35. None

## Summary Tabulations:

E.R. 939-06 (Source - E.R. 934-03, Part I)  
 Sort: Commercial farms and other farms, type of farm, large farms and farms in sample  
 Items: 1 - 15 above  
 E.R. 939-11 (Source - E.R. 934-03, Part I)  
 Sort: Large farms and farms in sample, type of farm, commercial farms and other farms  
 Items: 16 - 29 above

E.R. 939-16 (Source - E.R. 934-03, Part II)  
 Sort: Large farms and farms in sample, type of farm, commercial farms and other farms  
 Items: 1 - 16 above

## TABULATION: E.R. 934-08

Cards Used: M cards for large farms and farms in sample  
 Areas: Economic region  
 Sort: Color-tenure of operator  
 Large farms and farms in sample  
 Commercial farms and other farms  
 Items Tabulated:

## Part I

1. Farms (total number)
2. Operator's hours worked (F.R.):
3. Total
4. 1-14 hours
5. 15-34 hours
6. 35-54 hours
7. 55 hours and over
8. None
9. Specified types of workers (F.R.):
10. No operators or family workers
11. Permanent hired workers to work 150 days or more
12. Temporary hired workers to work less than 150 days
13. Permanent and no temporary
14. Both permanent and temporary
15. Temporary workers and no permanent
16. No report of period of expected employment
17. Hired workers by basis of pay (F.R.):
18. Month
19. Week
20. Day
21. Hour
22. Piece-work
23. No basis of pay

## Part II

1. Tractors and/or machinery repairs (F.R.)
2. Types of workers (F.R.):
3. Operator and/or family and/or hired
4. Operator and/or family
5. Operator
6. Family
7. Hired
8. Expenditures (F.R.):
9. Any
10. Machine hire and/or hired labor
11. Machine hire
12. Hired labor
13. Feed for livestock and poultry
14. Purchase of livestock and poultry
15. Seeds, bulbs, plants, trees, etc.
16. Gasoline and other fuel and oil
17. Tractor repairs
18. Other machinery repairs
19. Expenditures for hired labor (F.R.):
20. Any
21. \$1-\$99
22. \$100-\$199
23. \$200-\$499
24. \$500-\$999
25. \$1,000-\$2,499
26. \$2,500 and over
27. No hired workers last week and reporting expenditures for hired labor during last year (F.R.):
28. Any
29. \$1-\$99
30. \$100-\$199
31. \$200-\$499
32. \$500-\$999
33. \$1,000-\$2,499
34. \$2,500 and over
35. None

## Summary Tabulations:

E.R. 939-03 (Source - E.R. 934-08, Part I)  
 Sort: Commercial farms and other farms, color-tenure of operator, large farms and farms in sample  
 Items: 1 - 15 above  
 E.R. 939-08 (Source - E.R. 934-08, Part I)  
 Sort: Commercial farms and other farms, color-tenure of operator, large farms and farms in sample  
 Items: 16 - 29 above

E.R. 939-13 (Source - E.R. 934-08, Part II)  
 Sort: Commercial farms and other farms, color-tenure of operator, large farms and farms in sample  
 Items: 1 - 16 above

## TABULATION: E.R. 934-09

Cards Used: M cards for large farms and farms in sample

Areas: Economic region

Sort: Size of farm, large farms and farms in sample

Items Tabulated:

## Part I

1. Farms (total number)
- Operator's hours worked (F.R.):
2. Total
3. 1-14 hours
4. 15-34 hours
5. 35-54 hours
6. 55 hours and over
7. None
- Specified types of workers (F.R.):
8. No operators or family workers
9. No family workers
10. Permanent hired workers to work 150 days or more
11. Temporary hired workers to work less than 150 days
12. Permanent and no temporary
13. Both permanent and temporary
14. Temporary workers and no permanent
15. No report of period of expected employment
- Hired workers by basis of pay (F.R.):
16. Month
17. Week
18. Day
19. Hour
20. Piece-work
21. No basis of pay
- Specified types of workers (F.R.):
22. Operator and family only
23. Operator only
24. Family only
25. Operator, family, and hired
26. Operator and hired only
27. Family and hired only
28. Hired only
29. No workers

Items Tabulated--Con.

## Part II

1. Tractors and/or machinery repairs (F.R.):
- Types of workers (F.R.):
2. Operator and/or family and/or hired
3. Operator and/or family
4. Operator
5. Family
6. Hired
- Expenditures (F.R.):
7. Any
8. Machine hired and/or hired labor
9. Machine hire
10. Hired labor
11. Feed for livestock and poultry
12. Purchase of livestock and poultry
13. Seeds, bulbs, plants, trees, etc.
14. Gasoline and other fuel and oil
15. Tractor repairs
16. Other machinery repairs
- Expenditures for hired labor (F.R.):
17. Any
18. \$1-\$99
19. \$100-\$199
20. \$200-\$499
21. \$500-\$999
22. \$1,000-\$2,499
23. \$2,500 and over
- No hired workers last week and reporting expenditures for hired labor during last year (F.R.):
24. Any
25. \$1-\$99
26. \$100-\$199
27. \$200-\$499
28. \$500-\$999
29. \$1,000-\$2,499
30. \$2,500 and over
31. None

## Summary Tabulations:

E.R. 939-05 (Source - E.R. 934-09, Part I)  
Sort: Large farms and farms in sample, size of farm  
Items: 1 - 15 above

Summary Tabulations--Con.

E.R. 939-10 (Source - E.R. 934-09, Part I)  
Sort: Large farms and farms in sample, size of farm  
Items: 16 - 29 above

E.R. 939-15 (Source - E.R. 934-09, Part II)  
Sort: Size of farms, large farms and farms in sample  
Items: 1 - 16 above

## TABULATION: E.R. 934-10

Cards Used: M cards for large farms and farms in sample

Areas: Economic region

Sort: Other compensation group, large farms and farms in sample

Items Tabulated:

## Part I

1. Farms (total number)
- Rate of pay per month (F.R.):
2. Any
3. Under \$25
4. \$25-\$34
5. \$35-\$49
6. \$50-\$84
7. \$85-\$109
8. \$110-\$129
9. \$130-\$169
10. \$170-\$214
11. \$215 and over
- Hired workers (F.R.):
12. Any
13. Hired by day
14. Hired by hour
15. Hired by piece-work
- Rate of pay per week (F.R.):
16. Any
17. Under \$5
18. \$5-\$7
19. \$8-\$11

Items Tabulated--Part I--Con.

- Rate of pay per week (F.R.)--con.
20. \$12-\$19
21. \$20-\$24
22. \$25-\$29
23. \$30-\$39
24. \$40-\$49
25. \$50 and over
- Total workers, by number (F.R.):
26. 1 worker
27. 2 workers
28. 3-4 workers
29. 5-9 workers
30. 10 workers or more

## Part II

- Rate of pay per day (F.R.):
1. \$2.00-\$2.99
2. \$3.00-\$3.99
3. \$4.00-\$4.99
4. \$5.00-\$5.99
5. \$6.00-\$6.99
6. \$7.00-\$7.99
7. \$8.00 and over
- Rate of pay per hour (F.R.):
8. Under \$0.25
9. \$0.25-\$0.34
10. \$0.35-\$0.44
11. \$0.45-\$0.54
12. \$0.55-\$0.64
13. \$0.65-\$0.74
14. \$0.75-\$0.84
15. \$0.85-\$0.99
16. \$1.00 and over
- Permanent workers (F.R.):
17. Any
18. 1 worker
19. 2 workers
20. 3-4 workers
21. 5-9 workers
22. 10 workers or more
- Temporary workers (F.R.):
23. Any
24. 1 worker
25. 2 workers
26. 3-4 workers
27. 5-9 workers
28. 10 workers or more
29. Rate of pay per day under \$2.00 (F.R.)

## CENSUS OF AGRICULTURE: 1950--MULTIPLE UNIT (LANDLORD-TENANT) OPERATIONS

## PUNCH CARD AND SUMMARY OUTLINE OF TABULATIONS

One punch card, type LT, was prepared for each copy of the A3 questionnaire "Landlord-Tenant Operations" having one or more cropper sub-units enumerated in the field or 'office-constructed' in Washington on the basis of information obtained in the Agriculture questionnaires. Two common groups of items tabulated covered the information on the punch card. The need for cross-classification

of the various items of information by geographic area and characteristic sort groups required a series of 14 tabulation runs, two for counties and 12 for economic regions. Shown below are the sort groups used in the tabulations, the punch card used (LT), and the 14 tabulations.

## SORT GROUPS

## Color-Tenure of Operator

## Color

White  
Non-white

## Tenure

Full owners  
Part owners  
Managers  
Tenants

## Office Constructed Code (for A-3 schedules prepared in Washington office)

With no home farm  
With home farm  
All land accounted for  
All land not accounted for

## Cropland Harvested Group

None 50 - 99 acres  
Under 20 acres 100 - 199 acres  
20 - 29 acres 200 - 499 acres  
30 - 49 acres 500 acres and over

## Size of Unit

Under 30 acres 180 - 219 acres  
30 - 49 acres 220 - 259 acres  
50 - 69 acres 260 - 499 acres  
70 - 99 acres 500 - 999 acres  
100 - 139 acres 1,000 acres and over  
140 - 179 acres

## Kind of Sub-Unit

Croppers only  
Croppers, share, and/or other tenants only  
Croppers and tenants other than share tenants only

## Type of Farm

Cotton Cotton and rice  
Tobacco Cotton and peanut  
Rice Tobacco and peanut  
Peanut Cotton, tobacco, and peanut  
Cotton and tobacco Miscellaneous

## Number of Cropper Sub-Units

2 sub-units 5-9 sub-units  
3 sub-units 10-19 sub-units  
4 sub-units 20 sub-units and over

## Punch Card

LT	STATE	COUNTY	LANDLORD- TENANT OPERATIONS NUMBER	COLOR-TENURE NUMBER	ACRES OWNED & RENTED		ACRES IN UNITS		CROPLAND HAR- VESTED (ACRES)	COTTON HARVESTED		TOBACCO OR RICE HARVESTED		PEANUTS HARVESTED		CORN FOR GRAIN		HORSES & MULES		TOTAL NUMBER OF SUB-UNITS	TOTAL NUMBER OF SUB-UNITS OPERATED BY SHARE TENANTS	TOTAL NUMBER OF SUB-UNITS OPERATED BY SHARE TENANTS (ECONOMIC REGION ONLY)	TYPE	SIZE	CENSUS																																																																										
					OWNED BY OPERATOR	RENTED FROM OTHERS	TOTAL	ASSIGNED TO TENANTS		ACRES	BALES	SUB-UNITS REPORTING	ACRES	POUNDS, BUSHEL, OR BARRELS	SUB-UNITS REPORTING	ACRES	BUSHEL	LANDLORD OWNED	TENANT OWNED							TOTAL	LANDLORD OWNED	TENANT OWNED	TOTAL																																																																						
					5	6	7	(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)							(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)																																																													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

LT - Landlord-Tenant Operations: This card contains information on total land owned or rented by the overall operator, total acres in the units, and total acres operated by tenants. It also contains a summation of all cropland harvested, all cotton, tobacco or rice, peanuts, and corn harvested, horses and mules owned by landlord and those owned by tenants, and total number of units in the overall operation. Most of the data punched on this card were found at the bottom of the questionnaire where entries for individual units had been totaled. A total of 146,700 "LT" cards were punched.

## Tabulations

## Tabulation Numbers

## Areas

## Sort

## Items Tabulated

611-01..... State; County Office constructed code  
621-01..... Economic region Size of unit  
621-03..... Economic region Cropland harvested group  
621-05..... Economic region Color-tenure of operator  
621-07..... Economic region Type of farm  
621-09..... Economic region Number of cropper sub-units  
621-11..... Economic region Kind of sub-unit

Multiple-units (total number) Sub-units operated by share  
Sub-units overall (number) tenants (number)  
Total acreage in unit Horses and mules:  
Cropland harvested (acres) Units reporting  
Acres owned by operator Number  
Acres rented from others Multiple-units with other  
Home farms (number) than cropper tenants  
Acres assigned to tenants (number) (Economic region  
Cropper sub-units (number) tabs, only)

611-02..... State; County Office constructed code  
621-02..... Economic region Size of unit  
621-04..... Economic region Cropland harvested group  
621-06..... Economic region Color-tenure of operator  
621-08..... Economic region Type of farm  
621-10..... Economic region Number of cropper sub-units  
621-12..... Economic region Kind of sub-unit

Multiple units (total number) Tobacco or rice harvested:  
Corn harvested for grain: Units reporting  
Units reporting Number of sub-units  
Number of sub-units Acres  
Acres Pounds, bushels, or  
Bushels barrels  
Cotton harvested: Peanuts harvested:  
Units reporting Units reporting  
Number of sub-units Number of sub-units  
Acres Acres  
Bales Pounds

## PUNCH CARDS AND SUMMARY OUTLINE OF TABULATIONS--CENSUS OF IRRIGATION: 1950

The tabulations for the Census of Irrigation, 1950, provided cross-classification of data for single-farm and multiple-farm irrigation works by States, counties, and drainage basins. The seventy-nine tabulations outlined below are grouped into 12 common groups of items tabulated. Shown for each tabulation are the number, card type included, the area controls, sorts, and items tab-

ulated. The section "Items Tabulated" lists the items for which counts or totals were obtained within each of the sort groups established. Since no summary cards or summary tabulations were prepared, these tabulations, with further analysis and consolidation, comprised the source of the published material. Shown below are the sort groups used, the punch cards used, and the tabulations.

## SORT GROUPS

Acreage Groups (acres irrigated direct by the enterprise)

None or not reported	200 - 499 acres
1 - 9 acres	500 - 999 acres
10 - 29 acres	1,000 - 2,999 acres
30 - 59 acres	3,000 - 9,999 acres
60 - 99 acres	10,000 - 29,999 acres
100 - 199 acres	30,000 acres and over

Complete System Irrigation Enterprises

These enterprises delivered 90 percent or more of their irrigation water direct to farms, less than 10 percent to other irrigation enterprises, and obtained less than 10 percent of their water from other irrigation enterprises. Enterprises that delivered no water in 1949 are excluded.

Cost per Acre Group

Less than \$1.00
\$1.00 - \$1.99
\$2.00 - \$4.99
\$5.00 - \$9.99
\$10.00 or more

Number of Farms Group

1 - 3 farms	100 - 299 farms
4 - 9 farms	300 - 999 farms
10 - 29 farms	1,000 farms and over
30 - 99 farms	

Single and Multiple-Farm Enterprises

Single-farm enterprise - enumerated on I-1 schedule.  
Multiple-farm enterprise - enumerated on I-2 schedule.

Source of Water

Natural stream	Drainage water
Natural lake	Sewage
Spring	Any other source
Flowing well	

Tabulation Area

This code was used to prevent duplication in the count of number of enterprises reporting an item where the irrigation works were located in two or more counties or drainage basins. Separate area questionnaires were prepared for each of the county and basin areas of each such intercounty and interbasin enterprise. By cumulating the totals of tabulation areas according to a special plan, the desired counts for specific county or basin areas were obtained. The original and separately prepared questionnaires contained one of the following codes according to the tabulation areas and the combined areas represented:

- 1 - County, basin, State and U. S.
- 2 - County, basin and State
- 3 - County and basin
- 4 - County
- 5 - Basin
- 6 - Part of a county and basin

Type of Enterprise

Single-farm	U. S. Bureau of Reclamation
Mutual, unincorporated	U. S. Bureau of Indian Affairs
Mutual, incorporated	State
District	City
Commercial	

Type of Service

Primary irrigation and no supplemental  
Supplemental irrigation and no primary  
Both primary and supplemental irrigation  
No primary or supplemental irrigation

Type of Water

Surface, all gravity  
Surface, all pumped  
Ground, pumped well  
Mixed

Information for Card D was obtained from the I-2 questionnaire only. A total of 387,900 cards was punched for the Census.

A - Works and Equipment - Irrigation 1950: This card contained information on miles of irrigation supply ditches and pipe lines, number of feet of tunnels, number of reservoirs and their capacity, number of different types of dams, number of flowing wells, number of pumped wells and average lift, number of pumps, electric motors and other motors or engines. A total of 125,800 "A" cards was punched.

B - Capital Investment, Arrearage and Acres Irrigated: This card contained information on capital investment for both forms, information on indebtedness, arrearage on debt and on water payments for Form I-2 only, and information on number of farms and number of acres irrigated direct and cost of water delivered for both forms. A total of 125,400 "B" cards was punched.

C IRRIG. 1-2 P-1	STATE	COUNTY	QUESTION- NAIRE NUMBER	AREA NUMBER	TYPE OF ENTERPRISE DRAINAGE BASIN	TYPE OF WATER COMPLETE SYSTEM GROUP ACREAGE GROUP	ACRES IRRIGATED			ACRES IN OTHER FARMS	DRAINAGE CONDITION		COST OF WATER (DOLLARS)		COSTS OTHER THAN FOR OPERATION & MAINTENANCE (DOLLARS)	SEASON OF IRRIG. MEASUREMENT OF WATER	WATER TO FARMS (ACRE-FEET)		X
							TOTAL	PRIMARY	SUPPL.		ACRES DRAINED	ACRES NEEDING DRAINAGE	PRIMARY	SUPPLE- MENTAL			PRIMARY	SUPPL.	
00	00	000	00000	00000	00000	00000	0000000	0000000	00000	0000000	0000000	0000000	0000000	0000000	0000000	0000000	0000000	0000000	00000
11	11	111	11111	11111	11111	11111	1111111	1111111	11111	1111111	1111111	1111111	1111111	1111111	1111111	1111111	1111111	1111111	11111
22	22	222	22222	22222	22222	22222	2222222	2222222	22222	2222222	2222222	2222222	2222222	2222222	2222222	2222222	2222222	2222222	22222
33	33	333	33333	33333	33333	33333	3333333	3333333	33333	3333333	3333333	3333333	3333333	3333333	3333333	3333333	3333333	3333333	33333
QUESTIONNAIRE I-1: TYPE OF ENTERPRISE CODE 1																			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
(17)	(18-13)	(18-14)	(18-15)	(19)	(20)	(23-17)	(23-18)	(24-19)	(25-20)	(25-21)	(25-22)	(25-23)	(25-24)	(25-25)	(25-26)	(25-27)	(25-28)	(25-29)	(25-30)
QUESTIONNAIRE I-2: TYPE OF ENTERPRISE CODES 2-9																			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
(27)	(27-13)	(27-14)	(27-15)	(28)	(29)	(30-17)	(30-18)	(30-19)	(32)	(34)	(35-21)	(35-22)	(35-23)	(35-24)	(35-25)	(35-26)	(35-27)	(35-28)	(35-29)
11	11	111	11111	11111	11111	11111	1111111	1111111	11111	1111111	1111111	1111111	1111111	1111111	1111111	1111111	1111111	1111111	11111
22	22	222	22222	22222	22222	22222	2222222	2222222	22222	2222222	2222222	2222222	2222222	2222222	2222222	2222222	2222222	2222222	22222
33	33	333	33333	33333	33333	33333	3333333	3333333	33333	3333333	3333333	3333333	3333333	3333333	3333333	3333333	3333333	3333333	33333
44	44	444	44444	44444	44444	44444	4444444	4444444	44444	4444444	4444444	4444444	4444444	4444444	4444444	4444444	4444444	4444444	44444
55	55	555	55555	55555	55555	55555	5555555	5555555	55555	5555555	5555555	5555555	5555555	5555555	5555555	5555555	5555555	5555555	55555
66	66	666	66666	66666	66666	66666	6666666	6666666	66666	6666666	6666666	6666666	6666666	6666666	6666666	6666666	6666666	6666666	66666
77	77	777	77777	77777	77777	77777	7777777	7777777	77777	7777777	7777777	7777777	7777777	7777777	7777777	7777777	7777777	7777777	77777
88	88	888	88888	88888	88888	88888	8888888	8888888	88888	8888888	8888888	8888888	8888888	8888888	8888888	8888888	8888888	8888888	88888
99	99	999	99999	99999	99999	99999	9999999	9999999	99999	9999999	9999999	9999999	9999999	9999999	9999999	9999999	9999999	9999999	99999
12	34	56	78	90	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80					

C - Water Delivered and Cost of Operations: This card contained information on acres irrigated, drainage condition, cost of water for both forms, and information on other costs and acre-feet of water to farms on Form I-2 only. There were 125,300 "C" cards punched.

D IRRIG. 1-2 P-1	STATE	COUNTY	QUESTION- NAIRE NUMBER	AREA NUMBER	TYPE OF ENTERPRISE DRAINAGE BASIN	TYPE OF WATER COMPLETE SYSTEM GROUP ACREAGE GROUP	WATER OBTAINED (ACRE-FEET)				WATER USED (ACRE-FEET)				X
							SURFACE SOURCES	PUMPED FROM GROUND	OTHER ENTERPRISES	TOTAL ALL SOURCES	CONVEYANCE LOSSES	DIRECT TO FARMS	TO OTHER ENTERPRISES	TO OTHER USERS	
00	00	000	00000	00000	00000	00000	0000000	0000000	0000000	0000000	0000000	0000000	0000000	0000000	0000000
11	11	111	11111	11111	11111	11111	1111111	1111111	1111111	1111111	1111111	1111111	1111111	1111111	1111111
22	22	222	22222	22222	22222	22222	2222222	2222222	2222222	2222222	2222222	2222222	2222222	2222222	2222222
33	33	333	33333	33333	33333	33333	3333333	3333333	3333333	3333333	3333333	3333333	3333333	3333333	3333333
44	44	444	44444	44444	44444	44444	4444444	4444444	4444444	4444444	4444444	4444444	4444444	4444444	4444444
55	55	555	55555	55555	55555	55555	5555555	5555555	5555555	5555555	5555555	5555555	5555555	5555555	5555555
66	66	666	66666	66666	66666	66666	6666666	6666666	6666666	6666666	6666666	6666666	6666666	6666666	6666666
77	77	777	77777	77777	77777	77777	7777777	7777777	7777777	7777777	7777777	7777777	7777777	7777777	7777777
88	88	888	88888	88888	88888	88888	8888888	8888888	8888888	8888888	8888888	8888888	8888888	8888888	8888888
99	99	999	99999	99999	99999	99999	9999999	9999999	9999999	9999999	9999999	9999999	9999999	9999999	9999999
12	34	56	78	90	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
67	68	69	70	71	72	73	74	75	76	77	78	79	80		

D - Water Obtained and Delivered, 1949: This card contained information on acre-feet of water obtained from various sources and on acre-feet of water delivered to various users. A total of 11,400 "D" cards was punched.

## TABULATIONS: 711-01 to 711-07

Cards Used: A cards for all irrigation enterprises

## Areas and Sort:

- 711-01: State, county; Single and multiple-farm enterprises
- 711-02: State, drainage basin; Single and multiple-farm enterprises
- 711-03: State; Type of enterprise
- 711-04: State; Complete systems, acreage group
- 711-05: State; Complete systems, type of water (other than acreage group 1)
- 711-06: State, county, tabulation area; Single and multiple-farm enterprises
- 711-07: State, drainage basin, tabulation area; Single and multiple-farm enterprises

## Items Tabulated:

Enterprises (total number)

## Canals:

Enterprises reporting  
Number of miles

## Pipelines:

Enterprises reporting  
Number of miles

## Tunnels:

Enterprises reporting  
Number of feet

## Reservoirs:

Enterprises reporting  
Number (total)  
Capacity (acre feet)  
Number  
1-199 acre feet  
100-999 acre feet  
1,000 and over acre feet

## Reservoir dams:

Enterprises reporting  
Number  
Earth  
Concrete  
Other and mixed

## Diversion dams:

Enterprises reporting  
Number  
Earth  
Timber  
Concrete  
Other and mixed

## Flowing wells:

Enterprises reporting  
Number

## TABULATIONS: 712-01 to 712-07

Cards Used: A cards for all irrigation enterprises

## Areas and Sort:

- 712-01: State, county; Single and multiple-farm enterprises
- 712-02: State, drainage basin; Single and multiple-farm enterprises
- 712-03: State; Type of enterprise
- 712-04: State; Complete systems, acreage group
- 712-05: State; Complete systems, type of water (other than acreage group 1)
- 712-06: State, county, tabulation area; Single and multiple-farm enterprises
- 712-07: State, drainage basin, tabulation area; Single and multiple-farm enterprises

## Items Tabulated:

Enterprises (total number)

## Pumped wells:

Enterprises reporting  
Total number  
Number with lift reported  
Total lift (feet)

## Pumps:

Enterprises reporting  
Number

## Electric motors:

Enterprises reporting  
Number

## Other motors:

Enterprises reporting  
Number

## TABULATIONS: 721-01 to 721-07

Cards Used: B cards for all irrigation enterprises

## Areas and Sort:

- 721-01: State, county; Single and multiple-farm enterprises, type of water
- 721-02: State, drainage basin; Single and multiple-farm enterprises, type of water
- 721-03: State; Type of enterprises, type of water
- 721-04: State; Complete systems--acreage group, type of water
- 721-05: State; Complete systems, type of water (other than acreage group 1)
- 721-06: State, county, tabulation area; Single and multiple-farm enterprises
- 721-07: State, drainage basin, tabulation area; Single and multiple-farm enterprises

## Items Tabulated:

Enterprises (total reporting)

Complete system enterprises:

Number  
Acres irrigated

Water from other enterprises:

All:  
Enterprises reporting  
Acres irrigated

## Part:

Enterprises reporting  
Acres irrigated

## None:

Enterprises reporting  
Acres irrigated

## Cost of water:

Enterprises reporting  
Dollars

Farms irrigated

Acres irrigated

## TABULATIONS: 722-01 to 722-07

Cards Used: B cards for all irrigation enterprises

## Areas and Sort:

- 722-01: State, county; First source of water
- 722-02: State, drainage basin; Single and multiple-farm enterprises, first source of water
- 722-03: State; Multiple-farm enterprises, type of enterprises, first source of water
- 722-04: State; Complete systems, acreage group, first source of water

## Areas and Sort--Con.

- 722-05: State; Type of water (other than acreage group 1), first source of water
- 722-06: State, county, tabulation area; No sort
- 722-07: State, drainage basin, tabulation area; Single and multiple-farm enterprises

## Items Tabulated:

Enterprises (total number)

Enterprises reporting stored water:

All:  
Number  
Acres  
Part:  
Number  
Acres  
None:  
Number  
AcresCapital investment:  
Enterprises reporting  
Amount (dollars)

Acres irrigated

Acres irrigated direct

Farms irrigated direct

## TABULATIONS: 723-01 to 723-07

Cards Used: B cards for all irrigation enterprises

## Areas and Sort:

- 723-01: State, county; Number of farms group, single and multiple-farm enterprises
- 723-02: State, drainage basin; Number of farms group, single and multiple-farm enterprises
- 723-03: State; Number of farms group, multiple-farm enterprises only, type of enterprise
- 723-04: State; Number of farms group, complete systems, acreage group
- 723-05: State; Complete systems
- 723-06: State, county, tabulation area; Single and multiple-farm enterprises
- 723-07: State, drainage basin, tabulation area; Single and multiple-farm enterprises

## Items Tabulated:

Enterprises (total number)

Irrigated acres, by number (enterprises reporting):

0 acres  
1 - 9 acres  
10-29 acres  
30-59 acres  
60-99 acres  
100-199 acres  
200-499 acres  
500-999 acres  
1,000-2,999 acres  
3,000-9,999 acres  
10,000-29,999 acres  
30,000 acres and over

## Debt arrearage:

Enterprises reporting  
Acres irrigated

Debt arrearage

Acres irrigated (total number)

## TABULATIONS: 724-01 to 724-07

Cards Used: B cards for multiple-farm irrigation enterprises only

## Areas and Sort:

- 724-01: State, county; Multiple-farm enterprises only, type of enterprise
- 724-02: State, drainage basin; Multiple-farm enterprises only, type of enterprise
- 724-03: State; Multiple-farm enterprises only, type of enterprise
- 724-04: State; Type of enterprise, acreage-group, complete systems, multiple-farm enterprises only
- 724-05: State; Type of enterprise, type of water (other than acreage group 1), complete system, multiple-farm enterprises only
- 724-06: State, county, tabulation area; No sort
- 724-07: State, drainage basin, tabulation area; Multiple-farm enterprises only

## Items Tabulated:

Enterprises (total number)

Multi-purpose enterprises:

Number  
Acres irrigated

Indebtedness in works:

Enterprises reporting  
Debt (dollars)

Acres irrigated

Arrearage in payments (water):

Enterprises reporting  
Arrearage (dollars)

Acres irrigated

Water delivered to:

Farms only:

Enterprises reporting  
Acres irrigated

Farms and other enterprises:

Enterprises reporting  
Acres irrigated

Acres irrigated (total number)

## TABULATIONS: 725-01 to 725-07

Cards Used: B cards for all irrigation enterprises, with second source of water

## Areas and Sort:

- 725-01: State, county; No sort
- 725-02: State, drainage basin; Single and multiple-farm enterprises, enterprises reporting second source of water
- 725-03: State; Type of enterprise, enterprise reporting second source of water, multiple-farm only
- 725-04: State; Acreage group, complete systems, single and multiple-farm enterprises, enterprises reporting second source of water
- 725-05: State; Type of water (other than acreage group 1), complete systems, enterprises reporting second source of water
- 725-06: State, county, tabulation area; No sort
- 725-07: State, drainage basin, tabulation area; Single and multiple-farm enterprises, enterprises with second source of water



TABULATIONS: 725-01 to 725-07--Con.

Items Tabulated:

Enterprises (total number)

Enterprises reporting second source of water:

Streams:

Enterprises reporting Acres irrigated

Lakes:

Enterprises reporting Acres irrigated

Springs:

Enterprises reporting Acres irrigated

Flowing wells:

Enterprises reporting Acres irrigated

Drainage water:

Enterprises reporting Acres irrigated

Sewage:

Enterprises reporting Acres irrigated

Other:

Enterprises reporting Acres irrigated

TABULATIONS: 726-01 and 726-02

Cards Used: B cards for all irrigation enterprises

## Areas and Sort:

- 726-01: State, county;  
One drainage basin source (which-  
ever is present)
- 726-02: State, county;  
Second drainage basin source

## Items Tabulated:

Enterprises (total number)

Acres irrigated

Enterprises with two drainage basin sources (number)

TABULATIONS: 731-01 to 731-07

Cards Used: C cards for all irrigation enterprises

## Areas and Sort:

- 731-01: State, county;  
Single and multiple-farm enter-  
prises, type of service
- 731-02: State, drainage basin;  
Single and multiple-farm enter-  
prises, type of service
- 731-03: State;  
Multiple-farm enterprises only,  
type of enterprise, type of  
service

## Areas and Sort--Con.:

- 731-04: State;  
Complete systems, acreage group,  
type of service
- 731-05: State;  
Complete systems, type of water  
(other than acreage group 1),  
type of service
- 731-06: State, county, tabulation area;  
Single and multiple-farm enter-  
prises
- 731-07: State, drainage basin, tabula-  
tion area;  
Single and multiple-farm enter-  
prises

## Items Tabulated:

Enterprises (total number)

Primary:

Acres irrigated

Cost of water

Supplemental:

Acres irrigated

Cost of water

Cost other than for operation or  
maintenance:

Enterprises reporting  
Acres irrigated

Costs not for operation or maintenance

Water to other farms:

Enterprises reporting  
Acres in other farms

Acres irrigated (total number)

TABULATIONS: 732-01 to 732-07

Cards Used: C cards for all irrigation enterprises

## Areas and Sort:

- 732-01: State, county;  
Cost per acre group
- 732-02: State, drainage basin;  
Single and multiple-farm enter-  
prises, cost per acre group
- 732-03: State;  
Multiple-farm enterprises only,  
type of enterprise, cost per  
acre group
- 732-04: State;  
Complete system, acreage group,  
cost per acre group
- 732-05: State;  
Complete systems, type of water  
(other than acreage group 1)  
by cost per acre group
- 732-06: State, county, tabulation area;  
No sort
- 732-07: State, drainage basin, tabula-  
tion area;  
Single and multiple-farm enter-  
prises

## Items Tabulated:

Enterprises (total number)

Acres irrigated (total number)

Acres drained:

Enterprises reporting  
Acres irrigated (primary)

Acres drained

Drainage needed:

Enterprises reporting  
Acres irrigated (primary)

Acres needing drainage-

## Season of irrigation:

Early:

Enterprises reporting  
Acres irrigated

Late:

Enterprises reporting  
Acres irrigated

Early and late:

Enterprises reporting  
Acres irrigated

TABULATIONS: 733-01 to 733-07

Cards Used: C cards for multiple-farm  
irrigation enterprises only

## Areas and Sort:

- 733-01: State, county;  
No sort
- 733-02: State, drainage basin;  
No sort
- 733-03: State;  
Type of enterprise
- 733-04: State;  
Complete systems, acreage group
- 733-05: State;  
Complete systems, type of water  
(other than acreage group 1)
- 733-06: State, county, tabulation area;  
No sort
- 733-07: State, drainage basin, tabula-  
tion area;  
No sort

## Items Tabulated:

Measurement of water:

"All" reported:

Number of enterprises

Acres irrigated

"Part" reported:

Number of enterprises

Acres irrigated

"None" reported:

Number of enterprises

Acres irrigated

Water to farms, supplemental:

Enterprises reporting  
Acres irrigated

Cost of water

Acres feet of water

## Items Tabulated--Con.

Water to farms, primary:

Enterprises reporting  
Acres irrigated

Cost of water

Acres feet of water

Enterprises (total number)

TABULATIONS: 741-01 to 741-07

Cards Used: D cards for multiple-farm  
irrigation enterprises only

## Areas and Sort:

- 741-01: State, county;  
No sort
- 741-02: State, drainage basin;  
No sort
- 741-03: State;  
Type of enterprise
- 741-04: State;  
Complete systems, acreage group
- 741-05: State;  
Complete systems, type of water  
(other than acreage group 1)
- 741-06: State, county, tabulation area;  
No sort
- 741-07: State, drainage basin, tabula-  
tion area;  
No sort

## Items Tabulated:

Water used:

Delivered direct to farm:

Enterprises reporting  
Acres feet of water

Delivered to other enterprises:

Enterprises reporting  
Acres feet of water

Delivered to other users:

Enterprises reporting  
Acres feet of water

Conveyance losses:

Enterprises reporting  
Acres feet of water

Water obtained:

Surface:

Enterprises reporting  
Acres feet of water

Ground:

Enterprises reporting  
Acres feet of water

Other enterprises:

Enterprises reporting  
Acres feet of water

Total all sources:

Enterprises reporting  
Acres feet of water

The information for the 1950 Census of Drainage was manually tabulated since there were a relatively small number of questionnaires and relatively little cross-tabulation required. Data for the individual counties and States were posted by hand to about ten series of worksheets. The accompanying outline presents in summary form an arrangement of the items on the worksheets into seven equivalent tabulation runs. Of these, five were required to tabulate the data for the 30 Drainage District States in which the type D2 questionnaire was used and the remaining two tabulations covered the 10 County-Drain States enumerated on the D1 questionnaire. The three characteristic sort groups used in cross-classifying the data were:

Size of Enterprise (used for the 30 Drainage District States only)

Under 500 acres	20,000 to 49,999 acres
500 to 999 acres	50,000 to 99,999 acres
1,000 to 1,999 acres	100,000 to 199,999 acres
2,000 to 4,999 acres	200,000 to 499,999 acres
5,000 to 9,999 acres	500,000 acres and over
10,000 to 19,999 acres	

Kind of Power (used for these Drainage District States only -- Florida, Illinois, Louisiana, and Missouri)

Internal combustion	Internal combustion and steam
Electric	Internal combustion, electric, and steam
Steam	Steam and electric
Internal combustion and electric	

Kind of Pump (used for these Drainage District States only -- Florida, Illinois, Louisiana, and Missouri)

Centrifugal	Centrifugal and mixed flow
Axial flow	Centrifugal and axial flow
Mixed flow	

Tabulations

TABULATION: Number 1

Areas: State, county (for the 30 Drainage District States)

Sort: None

Items Tabulated:

Drainage enterprises (total number)  
Land in drainage enterprises, net (acres)  
Land included in 2 or more enterprises, overlapped (acres)  
Drainage condition in 1949 (enterprises reporting and acres)  
Good drainage (no loss of cultivated crops)  
Fair drainage (frequent loss of cultivated crops)  
Poor drainage (unfit for cultivation)

Type of enterprise (number of enterprises and acres)

Drainage district  
County drain  
Individual ownership drain  
Cooperative or mutual drain  
Commercial development drainage project  
Township drain  
State drainage project  
Other

Principal purpose of drainage (enterprises reporting and acres)

Reclamation or improvement of land  
Protection of land against overflow  
Removal of alkali or seepage from irrigated land

Period in which organized (enterprises reporting and acres)

1940-49 1910-19  
1930-39 1900-09  
1920-29 Before 1900

TABULATION: Number 2

Areas: State, county (for the 30 Drainage District States)

Sort: None

Items Tabulated:

Cost of construction and operation and maintenance (enterprises reporting and dollar amount)

Jan. 1, 1940-Dec. 31, 1949  
1945 to 1949

1949

1948

1947

1946

1945

Items Tabulated--Con.

1940 to 1944

1944

1943

1942

1941

1940

Cost of new drainage works, for lands not previously drained (enterprises reporting and dollar amount)

Jan. 1, 1940-Dec. 31, 1949

1945 to 1949

1949

1948

1947

1946

1945

1940 to 1944

1944

1943

1942

1941

1940

Funds collected for drainage (enterprises reporting and dollar amount)

Jan. 1, 1940-Dec. 31, 1949

1945 to 1949

1949

1948

1947

1946

1945

1940 to 1944

1944

1943

1942

1941

1940

Outstanding indebtedness, Dec. 31, 1949

Enterprises reporting

Amount (dollars)

Indebtedness in arrears, Dec. 31, 1949

Enterprises reporting

Amount (dollars)

Area delinquent in drainage taxes, Dec. 31, 1949

Enterprises reporting

Acres

TABULATION: Number 3

Areas: State (for the 30 Drainage District States)

Sort: Size of enterprise

Items Tabulated:

Enterprises (total number)  
Land in drainage enterprises (acres)  
Cost of construction and operation and maintenance

Enterprises reporting  
Amount (dollars)

Cost of new drainage works (for lands not previously drained)

Enterprises reporting  
Amount (dollars)

New drainage works (enterprises reporting and miles)

Open ditches  
Tile drains  
Levees and dikes

TABULATION: Number 4

Areas: State (for Florida, Illinois, Louisiana, Missouri, only)

Sort: Kind of power

Items Tabulated:

Pumping enterprises (total number)  
Capacity

Engine or motor (horsepower)

Pump (gallons per minute)

Land served (acres)

TABULATION: Number 5

Areas: State (for Florida, Illinois, Louisiana, Missouri, only)

Sort: Kind of pump

Items Tabulated:

Pumps (total number)

Capacity

Pumps (gallons per minute)

Engine or motor (horsepower)

Land served (acres)

Items Tabulated:

Land in drainage enterprises (acres)  
Drainage works completed since Jan. 1, 1940 (miles)  
Open ditches  
Tile drains  
Levees and dikes

TABULATION: Number 7

Areas: State, county (for the 10 County-Drain States)

Sort: None

Items Tabulated:

Cost of construction and operation and maintenance (dollar amount)

1949

1948

1947

1946

1945

1944

1943

1942

1941

1940

Cost of new drainage works, for lands not previously drained (dollar amount)

1949

1948

1947

1946

1945

1944

1943

1942

1941

1940

Funds collected for drainage (dollar amount)

1949

1948

1947

1946

1945

1944

1943

1942

1941

1940

TABULATION: Number 6

Areas: State, county (for the 10 County-Drain States)

Sort: None

Outstanding indebtedness, Dec. 31, 1949 (dollar amount)